

# Converting Colors

HunterLab(97.0320, -21.6868,  
8.9872)

Have a look what the booklet for  
HunterLab(97.0320, -21.6868,  
8.9872) contains.

|   |    |
|---|----|
| <b>HunterLab(96.0512, -20.3249, 7.9435)</b> ..... | 3  |
| <b><i>Conversions</i></b> .....                   | 4  |
| <b><i>Details</i></b> .....                       | 6  |
| <b><i>Harmonies</i></b> .....                     | 12 |
| <b><i>Previews</i></b> .....                      | 24 |
| <b><i>Color Blindness Simulation</i></b> .....    | 28 |
| <b><i>CSS Examples</i></b> .....                  | 31 |

# Color

**HunterLab(96.0512,  
-20.3249, 7.9435)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | D7FFF0                       |
| RGB         | 215, 255, 240                |
| RGB Percent | 84%, 100%, 94%               |
| CMY         | 0.1569, 0.0000, 0.0588       |
| CMYK        | 0.16, 0.00, 0.06, 0.00       |
| HSL         | 158°, 100%, 92%              |
| HSV         | 158°, 16%, 100%              |
| XYZ         | 79.5125, 92.2583, 96.0550    |
| YIQ         | 241.3300, -19.0250, -13.1450 |

# Conversions

## Conversions Part 2

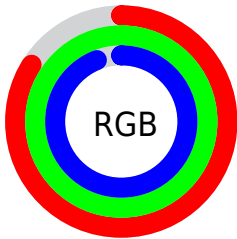
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 215, 240, 255                  |
| Decimal                             | 14155760                       |
| CIE <sub>Lab</sub>                  | 96.93, -15.62, 2.88            |
| CIE <sub>LCh</sub>                  | 97, 15.888, 169.543            |
| Yxy                                 | 92.2587, 0.2969,<br>0.3445     |
| Android<br>(android.graphics.Color) | 4292345840<br>(0xFFD7FFF0)     |
| YUV                                 | 241.3300, -0.6557,<br>-23.0914 |
| Hunter-Lab                          | 96.0512, -20.3249,<br>7.9435   |

# Details

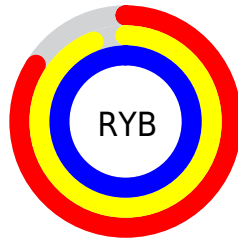
The HunterLab color **96.0512, -20.3249, 7.9435** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86.9339, 11.7668, 2.7168**, and the grayscale version is **93.9430, -5.0126, 5.1041**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **71.6397, -17.3744, 6.3097** is the 20% darker color. If you saturate the color by 10%, you get **93.8835, -28.8939, 9.8618**, and if you desaturate by 10%, it is **98.4926, -10.9702, 6.2703**.

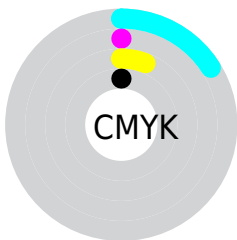
# Distribution



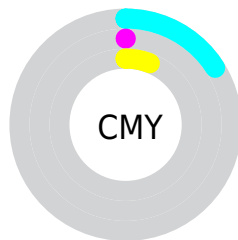
- Red (84%)
- Green (100%)
- Blue (94%)



- Red (84%)
- Yellow (94%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.0512, -20.3249, 7.9435 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 96.0512, -20.3249, 7.9435 by changing the saturation by 10% instead.



96.0512, -20.3249,  
7.9435

96.0512, -20.3249,  
7.9435

231.3766,  
-33.0200, 16.2574

83.5796, -18.9239,  
7.1373

122.6670,  
-23.1168, 9.6288

71.6999, -17.5164,  
6.3574

136.7665,  
-24.5147, 10.5080

60.4434, -16.0962,  
5.6038

151.3683,  
-25.9163, 11.4106

49.8467, -14.6562,  
4.8770

166.4556,  
-27.3229, 12.3361

39.9538, -13.1860,  
4.1773

182.0134,  
-28.7357, 13.2840

30.8188, -11.6699,  
3.5047

198.0278,

22.5109, -10.0832,

-30.1557, 14.2538

2.8587

214.4861,  
-31.5836, 15.2451

■ 15.1224, -8.3824,  
2.2366

■ 8.7564, -8.2426,  
1.8417

■ 96.0512, -20.3249,  
7.9435

■ 96.0512, -20.3249,  
7.9435

■ 93.8835, -28.8939,  
9.8618

■ 98.4926, -10.9702,  
6.2703

■ 91.9928, -36.5996,  
12.0109

100.0000, -5.3358,  
5.4332

■ 90.3799, -43.3738,  
14.3671

■ 89.0413, -49.1689,  
16.9003

■ 87.9686, -53.9630,  
19.5741

■ 87.1480, -57.7664,  
22.3467

■ 86.5586, -60.6285,  
25.1710

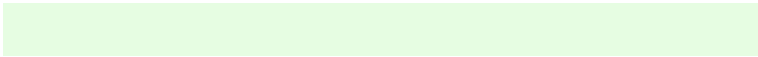
■ 86.1706, -62.6481,  
27.9954

■ 86.0445, -63.3421,  
29.1893

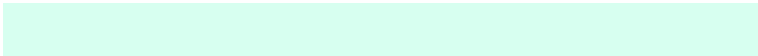
# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.0514, -16.9728, 14.5657



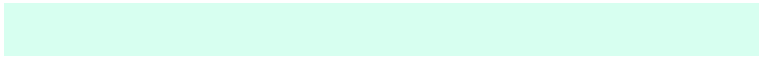
96.0512, -20.3249, 7.9435



96.0514, -19.7103, 0.0108

# Triad

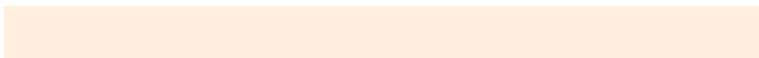
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.0514, -20.3240, 7.9429



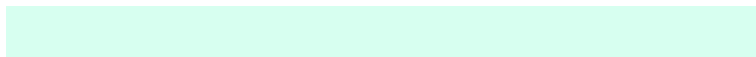
96.0514, 0.2661, -10.2050



96.0514, 5.4449, 16.0760

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



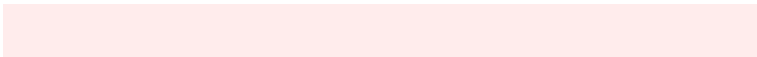
96.0512, -20.3249, 7.9435



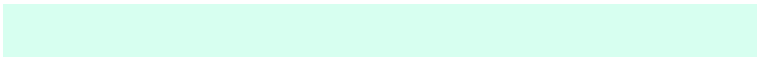
86.9339, 11.7668, 2.7168

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.0514, 10.3750, 10.1687



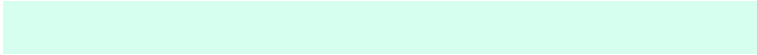
96.0512, -20.3249, 7.9435



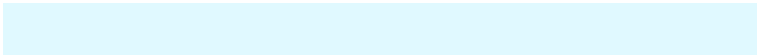
96.0514, 7.3154, -5.1521

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.0514, -20.3240, 7.9429



96.0514, -8.0093, -10.9290



96.0514, 11.0709, 2.4322

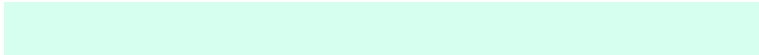


96.0514, -2.2167, 18.9900



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



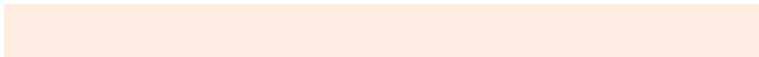
96.0512, -20.3249, 7.9435



96.0514, -17.1284, -4.9465



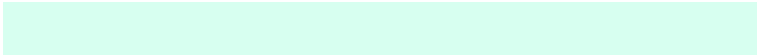
96.0514, 11.0709, 2.4322



96.0514, 7.4875, 14.3991

# Sweetspot

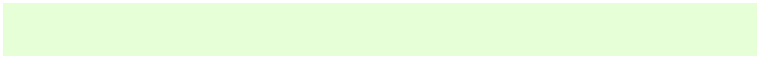
The Sweet Spot groups the original color and five complimentary colors.



96.0514, -20.3240, 7.9429



98.6699, -10.3024, 6.1650



96.5944, -19.7890, 19.7124



45.5652, -5.0830, 2.9022

0.0000, NaN, NaN

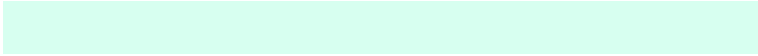


46.2646, -2.4686, 2.5136

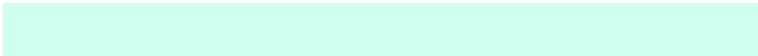


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.0514, -20.3240, 7.9429



95.3023, -23.2555, 8.5522



94.9979, -15.2429, -0.7761



45.1211, -6.7682, 3.1827



62.2219, -45.6391, 20.7499



19.4700, -13.9057, 5.6825



# Inverse Universe

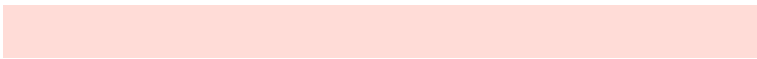
The Inverse Universe completely reimagines the original color for something new.



86.9339, 11.7668, 2.7168



84.3141, 15.4572, 2.2745



87.8515, 6.7999, 10.8633



42.5438, 2.2918, 1.6992



34.0190, 59.6230, 11.4063

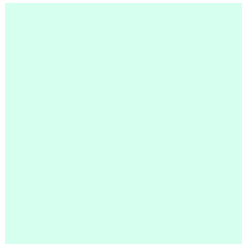


10.7106, 18.9543, 2.1769



# Previews

## White Background



This preview shows how the HunterLab color 96.0512, -20.3249, 7.9435 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

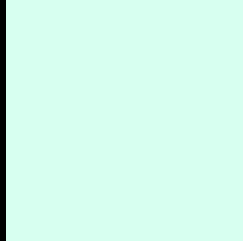
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 96.0512, -20.3249, 7.9435 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

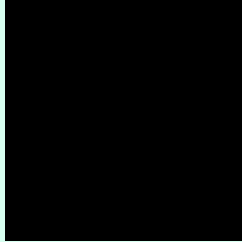
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

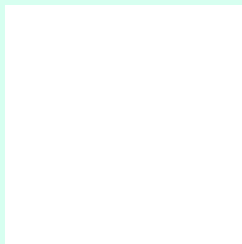
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 96.0512, -20.3249, 7.9435 Background



This preview shows how black text looks on a background with the HunterLab color 96.0512, -20.3249, 7.9435.



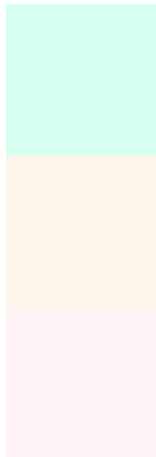
This preview shows how white text looks on a background with the HunterLab color 96.0512,

-20.3249, 7.9435.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

96.0512, -20.3249, 7.9435

### Protanopia

95.9833, -4.2956, 10.9854

### Deuteranopia

95.8925, -0.7050, 5.6639

## **Tritanopia**

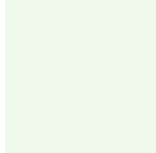
95.7842, -6.9162, 0.3389

# Trichromacy



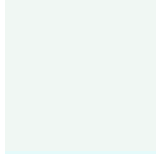
## Original Color

96.0512, -20.3249, 7.9435



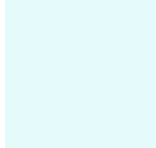
## Protanomaly

95.9991, -10.6703, 9.9558



## Deuteranomaly

95.6650, -8.1162, 6.2537



## Tritanomaly

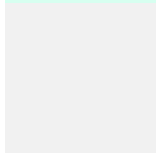
95.8808, -11.8678, 2.9465

# Monochromacy



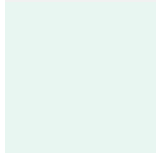
## Original Color

96.0512, -20.3249, 7.9435



## Achromatopsia

93.7882, -5.0043, 5.0957



## Achromatomaly

94.5612, -10.4827, 5.9062

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 96.0512, -20.3249, 7.9435 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(215, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(215, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 96.0512, -20.3249, 7.9435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 255, 240) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(215, 255, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(215, 255, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 96.0512, -20.3249, 7.9435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(215,  
255, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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