

Converting Colors

HunterLab(95.9939, -20.7406,
9.4819)

Have a look what the booklet for
HunterLab(95.9939, -20.7406,
9.4819) contains.

HunterLab(96.0382, -20.5563, 9.3552)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(96.0382,
-20.5563, 9.3552)**

Conversions

Conversions Part 1

Format	Color
Hex	D8FFED
RGB	216, 255, 237
RGB Percent	85%, 100%, 93%
CMY	0.1529, 0.0000, 0.0706
CMYK	0.15, 0.00, 0.07, 0.00
HSL	152°, 100%, 92%
HSV	152°, 15%, 100%
XYZ	79.3650, 92.2334, 93.7406
YIQ	241.2870, -17.4660, -13.8660

Conversions

Conversions Part 2

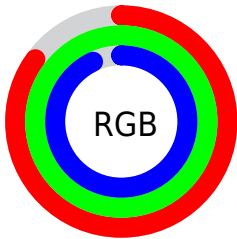
Format	Color
R _Y B	216, 241, 255
Decimal	14221293
CIE Lab	96.92, -15.87, 4.42
CIE LCh	97, 16.475, 164.441
Yxy	92.2338, 0.2991, 0.3476
Android (android.graphics.Color)	4292411373 (0xFFD8FFED)
YUV	241.2870, -2.1135, -22.1767
Hunter-Lab	96.0382, -20.5563, 9.3552

Details

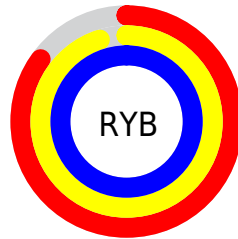
The HunterLab color $96.0382, -20.5563, 9.3552$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $87.3575, 11.9141, 1.2060$, and the grayscale version is $93.9298, -5.0119, 5.1034$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $71.6250, -17.6020, 7.6394$ is the 20% darker color. If you saturate the color by 10%, you get $93.7981, -29.5206, 12.1484$, and if you desaturate by 10%, it is $98.5568, -10.7936, 6.7389$.

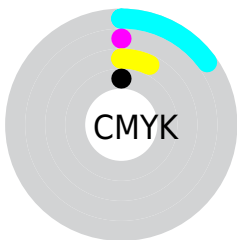
Distribution



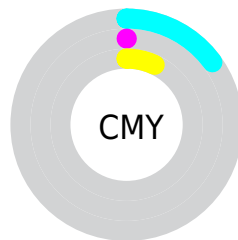
- Red (85%)
- Green (100%)
- Blue (93%)



- Red (85%)
- Yellow (95%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.0382, -20.5563, 9.3552 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 96.0382, -20.5563, 9.3552 by changing the saturation by 10% instead.

96.0382, -20.5563,
9.3552

96.0382, -20.5563,
9.3552

231.3592,
-33.3401, 18.1822

83.5672, -19.1433,
8.4800

122.6529,
-23.3706, 11.1693

71.6881, -17.7231,
7.6274

136.7519,
-24.7790, 12.1090

60.4323, -16.2895,
6.7968

151.3532,
-26.1906, 13.0700

49.8362, -14.8351,
5.9876

166.4400,
-27.6070, 14.0518

39.9441, -13.3492,
5.1992

181.9973,
-29.0292, 15.0543

30.8099, -11.8159,
4.4296

198.0112,

22.5029, -10.2099,

-30.4583, 16.0770

3.6754

214.4691,
-31.8950, 17.1197

■ 15.1154, -8.4867,
2.9294

■ 8.7500, -8.3713,
2.5698

■ 96.0382, -20.5563,
9.3552

■ 96.0382, -20.5563,
9.3552

■ 93.7981, -29.5206,
12.1484

■ 98.5568, -10.7936,
6.7389

■ 91.8408, -37.6017,
15.0943

100.0000, -5.3358,
5.4332

■ 90.1677, -44.7238,
18.1598

■ 88.7762, -50.8313,
21.3065

■ 87.6584, -55.8954,
24.4911

■ 86.8011, -59.9205,
27.6669

■ 86.1838, -62.9515,
30.7850

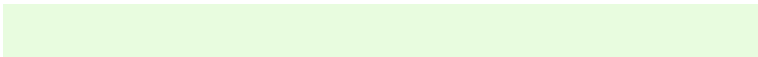
■ 85.7770, -65.0842,
33.7941

■ 85.6359, -65.8658,
35.1478

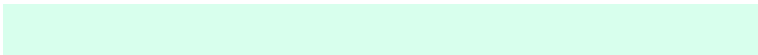
Harmonies

Analogous

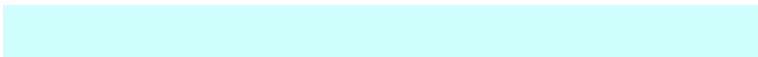
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.0384, -16.4424, 15.8004



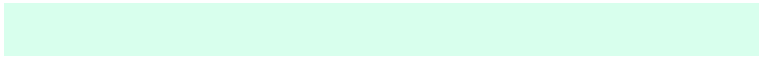
96.0382, -20.5563, 9.3552



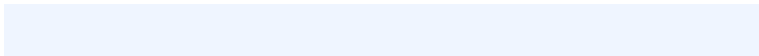
96.0384, -20.6336, 1.2189

Triad

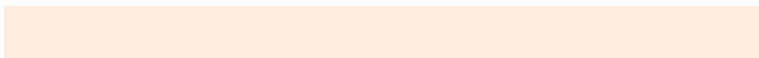
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.0384, -20.5554, 9.3546



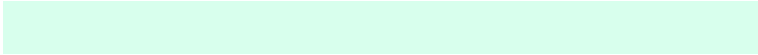
96.0384, -0.9683, -11.2985



96.0384, 6.9720, 15.6083

Complementary

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



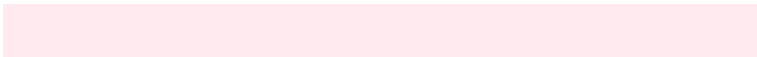
96.0382, -20.5563, 9.3552



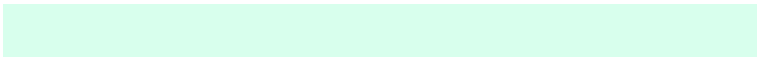
87.3575, 11.9141, 1.2060

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.



96.0384, 11.4251, 9.0706



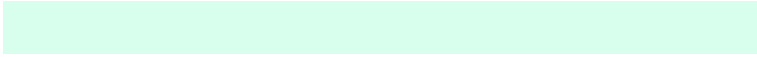
96.0382, -20.5563, 9.3552



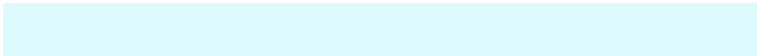
96.0384, 6.7326, -6.7031

Square

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



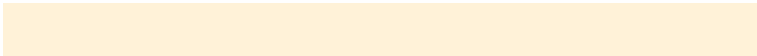
96.0384, -20.5554, 9.3546



96.0384, -9.5277, -11.2055



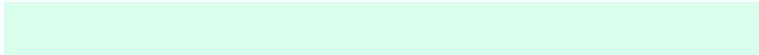
96.0384, 11.3360, 0.9090



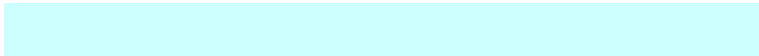
96.0384, -0.6508, 19.1884

Rectangle

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



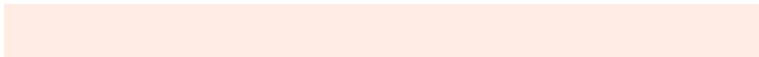
96.0382, -20.5563, 9.3552



96.0384, -18.3981, -4.1071



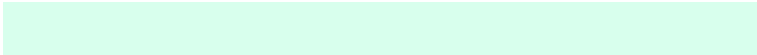
96.0384, 11.3360, 0.9090



96.0384, 8.9010, 13.7103

Sweetspot

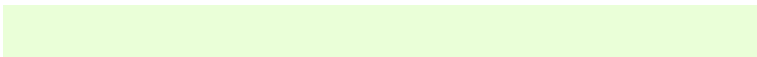
The Sweet Spot groups the original color and five complimentary colors.



96.0384, -20.5554, 9.3546



98.6348, -10.4961, 6.6650



96.9559, -18.4262, 19.6928



45.5467, -5.1852, 3.1655

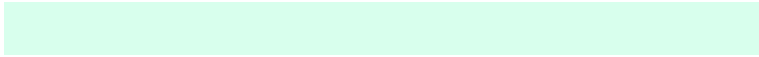
0.0000, NaN, NaN



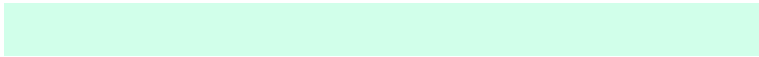
46.2646, -2.4686, 2.5136

Same Dimension

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



96.0384, -20.5554, 9.3546



95.4043, -23.0645, 10.0941



96.1835, -16.6699, 0.6573



45.0908, -6.9377, 3.6166



61.9271, -47.4589, 25.0466



19.3805, -14.4563, 6.9830

Inverse Universe

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



87.3575, 11.9141, 1.2060



85.2286, 15.0228, 0.5561



87.1777, 8.2237, 9.6780



42.5753, 2.4610, 1.2504



34.3770, 60.9340, 6.2270



10.8279, 19.3817, 0.4958

Previews

White Background



This preview shows how the HunterLab color 96.0382, -20.5563, 9.3552 looks on a white background.

Color Contrast Check

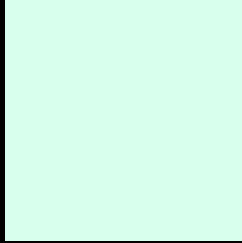
Large Text (above 18pt) WCAG AA × Fail

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 96.0382, -20.5563, 9.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

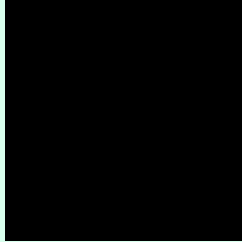
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

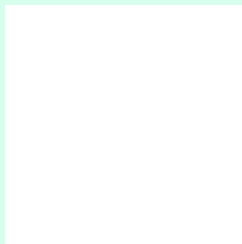
Any Text WCAG AAA ✓ Pass

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

HunterLab 96.0382, -20.5563, 9.3552 Background



This preview shows how black text looks on a background with the HunterLab color 96.0382, -20.5563, 9.3552.



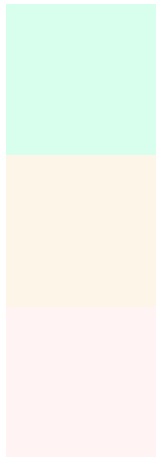
This preview shows how white text looks on a background with the HunterLab color 96.0382,

-20.5563, 9.3552.

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

96.0382, -20.5563, 9.3552

Protanopia

95.8942, -4.7833, 12.2626

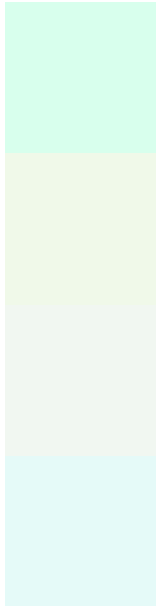
Deuteranopia

95.8608, -0.8776, 6.1173

Tritanopia

95.7842, -6.9162, 0.3389

Trichromacy



Original Color

96.0382, -20.5563, 9.3552

Protanomaly

95.9999, -10.8475, 11.3531

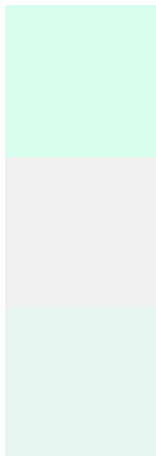
Deuteranomaly

95.6939, -8.1404, 7.2627

Tritanomaly

95.8157, -12.2292, 3.8741

Monochromacy



Original Color

96.0382, -20.5563, 9.3552

Achromatopsia

93.7882, -5.0043, 5.0957

Achromatomaly

94.5297, -10.6572, 6.3562

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 96.0382, -20.5563, 9.3552 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(216, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(216, 255, 237)  
}
```

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(216, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 255, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 96.0382, -20.5563, 9.3552 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(216, 255, 237) }
```


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

```
.border{ border-color:rgb(216, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(216, 255,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 96.0382, -20.5563, 9.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 255, 237) }
```

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

```
.background{ background-color: rgb(216,  
255, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor