

Converting Colors

HunterLab(96.6660, -17.6682,
5.3648)

Have a look what the booklet for
HunterLab(96.6660, -17.6682,
5.3648) contains.

| | |
|---|----|
| HunterLab(96.6701, -17.6431, 5.2890) | 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(96.6701,
-17.6431, 5.2890)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DCFFF7 |
| RGB | 220, 255, 247 |
| RGB Percent | 86%, 100%, 97% |
| CMY | 0.1372, 0.0000, 0.0314 |
| CMYK | 0.14, 0.00, 0.03, 0.00 |
| HSL | 166°, 100%, 93% |
| HSV | 166°, 14%, 100% |
| XYZ | 82.0637, 93.4511, 101.7083 |
| YIQ | 243.6230, -18.2920, -9.9080 |

Conversions

Conversions Part 2

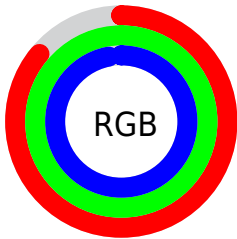
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 220, 240, 255 |
| Decimal | 14483447 |
| CIE Lab | 97.41, -12.73, 0.03 |
| CIE LCh | 97, 12.726, 179.876 |
| Yxy | 93.4515, 0.2960, 0.3371 |
| Android (android.graphics.Color) | 4292673527 (0xFFDCFFF7) |
| YUV | 243.6230, 1.6649, -20.7174 |
| Hunter-Lab | 96.6701, -17.6431, 5.2890 |

Details

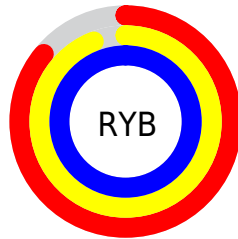
The HunterLab color **96.6701, -17.6431, 5.2890** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **88.3454, 8.7260, 5.3314**, and the grayscale version is **94.9460, -5.0661, 5.1586**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **72.2143, -14.8592, 3.7693** is the 20% darker color. If you saturate the color by 10%, you get **94.5607, -25.7166, 5.5533**, and if you desaturate by 10%, it is **99.0474, -8.8057, 5.3364**.

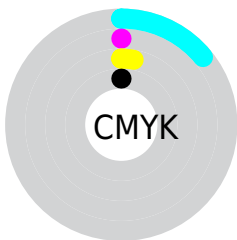
Distribution



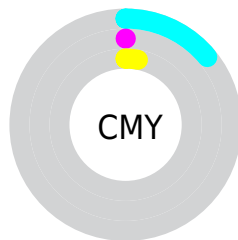
- Red (86%)
- Green (100%)
- Blue (97%)



- Red (86%)
- Yellow (94%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 96.6701, -17.6431, 5.2890 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 96.6701, -17.6431, 5.2890 by changing the saturation by 10% instead.


 96.6701, -17.6431,
5.2890

 96.6701, -17.6431,
5.2890


232.2059,
-29.3096, 12.6749

 84.1706, -16.3814,
4.6068


123.3384,
-20.1755, 6.7422

 72.2615, -15.1212,
3.9573


137.4626,
-21.4519, 7.5121

 60.9740, -13.8578,
3.3416


152.0883,
-22.7364, 8.3092

 50.3443, -12.5858,
2.7616

167.1988,
-24.0302, 9.1327

 40.4162, -11.2978,
2.2197

182.7790,
-25.3338, 9.9817

 31.2431, -9.9823,
1.7187

198.8151,

 22.8932, -8.6210,

-26.6479, 10.8556

1.2624

215.2946,
-27.9731, 11.7535

■ 15.4575, -7.1819,
0.8557

■ 9.0576, -6.6063,
0.5056

■ 96.6701, -17.6431,
5.2890

■ 96.6701, -17.6431,
5.2890

■ 94.5607, -25.7166,
5.5533

■ 99.0474, -8.8057,
5.3364

■ 92.7219, -32.9570,
6.1316

100.0000, -5.3358,
5.4332

■ 91.1541, -39.3039,
7.0171

■ 89.8537, -44.7165,
8.1959

■ 88.8122, -49.1781,
9.6462

■ 88.0163, -52.7016,
11.3381

■ 87.4461, -55.3349,
13.2339

■ 87.0736, -57.1699,
15.2866

■ 86.9129, -58.0213,
16.6178

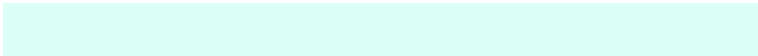
Harmonies

Analogous

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



96.6703, -15.9951, 11.1799



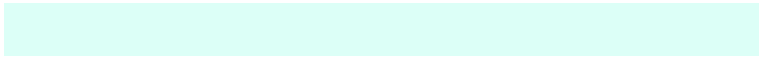
96.6701, -17.6431, 5.2890



96.6703, -16.0216, -1.0067

Triad

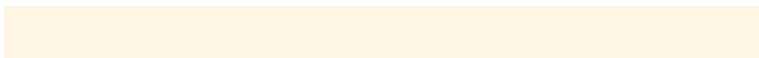
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.6703, -17.6421, 5.2884



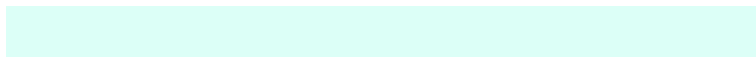
96.6703, 1.3006, -5.9114



96.6703, 1.3498, 15.2194

Complementary

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



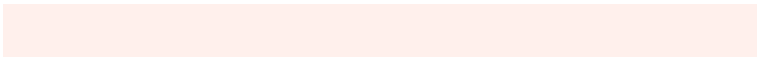
96.6701, -17.6431, 5.2890



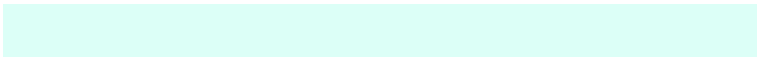
88.3454, 8.7260, 5.3314

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.



96.6703, 6.1965, 11.1372



96.6701, -17.6431, 5.2890



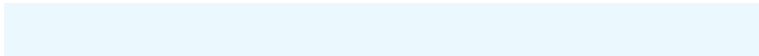
96.6703, 6.1676, -1.0554

Square

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



96.6703, -17.6421, 5.2884



96.6703, -5.1910, -7.7335



96.6703, 7.9826, 5.2357



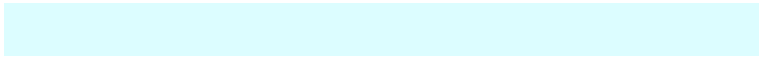
96.6703, -5.1356, 16.6714

Rectangle

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



96.6701, -17.6431, 5.2890



96.6703, -13.2805, -4.5269



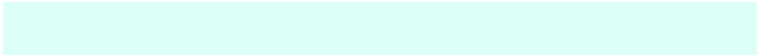
96.6703, 7.9826, 5.2357



96.6703, 3.2310, 14.1235

Sweetspot

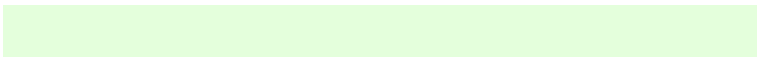
The Sweet Spot groups the original color and five complimentary colors.



96.6703, -17.6421, 5.2884



98.9784, -9.0586, 5.3310



96.5448, -19.6988, 17.5625



45.7052, -4.5092, 2.4600

0.0000, NaN, NaN



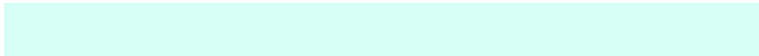
46.2646, -2.4686, 2.5136

Same Dimension

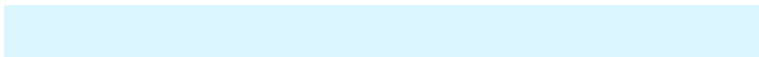
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.6703, -17.6421, 5.2884



96.1666, -19.5491, 5.3210



93.8857, -11.4007, -2.0936



45.1733, -6.4777, 2.4385



62.8446, -41.8253, 11.7386



19.6518, -12.7952, 3.0582

Inverse Universe

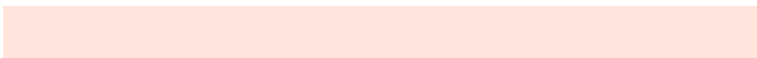
The Inverse Universe completely reimagines the original color for something new.



88.3454, 8.7260, 5.3314



86.4930, 11.1106, 5.3814



90.9129, 2.4340, 11.9037



42.4913, 2.0094, 2.4484



33.5983, 58.0728, 17.5656



10.5589, 18.3975, 4.3802

Previews

White Background



This preview shows how the HunterLab color 96.6701, -17.6431, 5.2890 looks on a white background.

Color Contrast Check

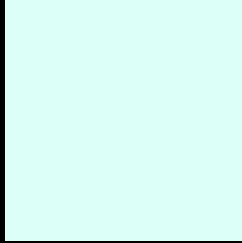
Large Text (above 18pt) WCAG AA × Fail

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 96.6701, -17.6431, 5.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

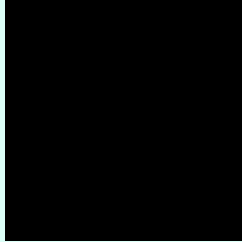
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

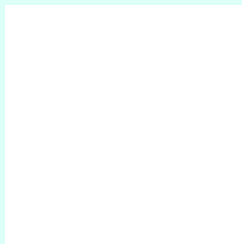
Any Text WCAG AAA ✓ Pass

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

HunterLab 96.6701, -17.6431, 5.2890 Background



This preview shows how black text looks on a background with the HunterLab color 96.6701, -17.6431, 5.2890.



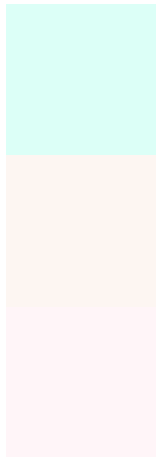
This preview shows how white text looks on a background with the HunterLab color 96.6701,

-17.6431 5.2890.

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

96.6701, -17.6431, 5.2890

Protanopia

96.5427, -3.4883, 7.8383

Deuteranopia

96.6137, -1.2493, 5.0119



Tritanopia

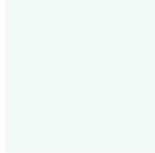
96.3743, -6.4942, 1.0685

Trichromacy



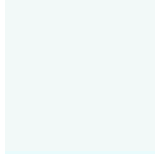
Original Color

96.6701, -17.6431, 5.2890



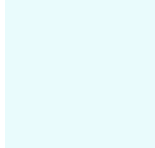
Protanomaly

96.4281, -8.6635, 6.6421



Deuteranomaly

96.6467, -7.6417, 4.9390



Tritanomaly

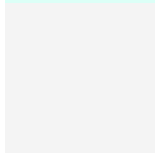
96.6159, -10.7966, 2.8293

Monochromacy



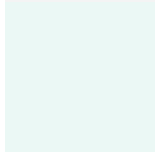
Original Color

96.6701, -17.6431, 5.2890



Achromatopsia

95.1137, -5.0750, 5.1677



Achromatomaly

95.5979, -9.8734, 5.1572

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 96.6701, -17.6431, 5.2890 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(220, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 247)  
}
```

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(220, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 247) }
```

Border

The CSS property to change the border of an element to HunterLab 96.6701, -17.6431, 5.2890 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(220, 255, 247) }
```


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

```
.border{ border-color:rgb(220, 255, 247) }
```

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

Here you see how a box with a 4 pixel rgb(220, 255, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
247) }
```

Background

The CSS property to change the background color of an element to HunterLab 96.6701, -17.6431, 5.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 247) }
```

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

```
.background{ background-color: rgb(220,  
255, 247) }
```

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