

Converting Colors

HunterLab(101.5168, -23.6129,
13.4745)

Have a look what the booklet for
HunterLab(101.5168, -23.6129,
13.4745) contains.

HunterLab(96.9740, -16.9243, 8.5784)	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(96.9740,
-16.9243, 8.5784)**

Conversions

Conversions Part 1

Format	Color
Hex	E2FFF1
RGB	226, 255, 241
RGB Percent	89%, 100%, 95%
CMY	0.1137, 0.0000, 0.0549
CMYK	0.11, 0.00, 0.05, 0.00
HSL	151°, 100%, 94%
HSV	151°, 11%, 100%
XYZ	83.0012, 94.0396, 96.9959
YIQ	244.7330, -12.7900, -10.5020

Conversions

Conversions Part 2

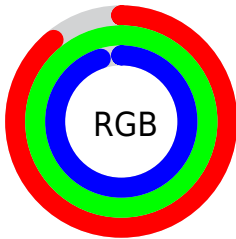
Format	Color
R _{YB}	226, 245, 255
Decimal	14876657
CIE _{Lab}	97.65, -11.94, 3.50
CIE _{LCh}	98, 12.448, 163.649
Yxy	94.0400, 0.3029, 0.3432
Android (android.graphics.Color)	4293066737 (0xFFE2FFF1)
YUV	244.7330, -1.8404, -16.4288
Hunter-Lab	96.9740, -16.9243, 8.5784

Details

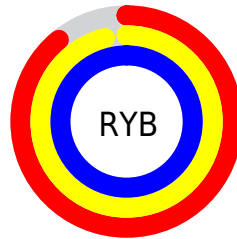
The HunterLab color **96.9740, -16.9243, 8.5784** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **90.5234, 7.5460, 1.9179**, and the grayscale version is **95.4503, -5.0930, 5.1860**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **72.4906, -14.2151, 6.8788** is the 20% darker color. If you saturate the color by 10%, you get **94.6090, -26.3006, 11.5228**, and if you desaturate by 10%, it is **99.6164, -6.7814, 5.8001**.

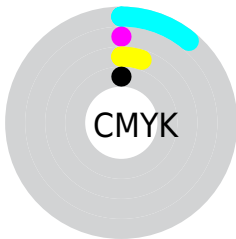
Distribution



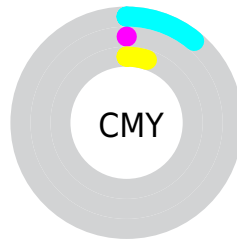
- Red (89%)
- Green (100%)
- Blue (95%)



- Red (89%)
- Yellow (96%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 96.9740, -16.9243, 8.5784 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 96.9740, -16.9243, 8.5784 by changing the saturation by 10% instead.

96.9740, -16.9243,
8.5784

96.9740, -16.9243,
8.5784

232.6128,
-28.3163, 17.1134

84.4608, -15.6999,
7.7427

123.6680,
-19.3876, 10.3190

72.5373, -14.4791,
6.9318

137.8043,
-20.6315, 11.2242

61.2346, -13.2574,
6.1454

152.4417,
-21.8848, 12.1519

50.5889, -12.0303,
5.3837

167.5635,
-23.1484, 13.1017

40.6435, -10.7909,
4.6466

183.1547,
-24.4229, 14.0732

31.4517, -9.5289,
3.9335

199.2016,

23.0813, -8.2278,

-25.7087, 15.0659

3.2426

215.6914,
-27.0064, 16.0794

■ 15.6226, -6.8585,
2.5699

■ 9.2016, -6.1479,
2.0796

■ 96.9740, -16.9243,
8.5784

■ 96.9740, -16.9243,
8.5784

■ 94.6090, -26.3006,
11.5228

■ 99.6164, -6.7814,
5.8001

■ 92.5267, -34.8203,
14.6091

100.0000, -5.3358,
5.4332

■ 90.7304, -42.4004,
17.8043

■ 89.2191, -48.9750,
21.0698

■ 87.9874, -54.5025,
24.3624

■ 87.0241, -58.9722,
27.6355

■ 86.3119, -62.4116,
30.8401

■ 85.8251, -64.8945,
33.9265

■ 85.5473, -66.4154,
36.4451

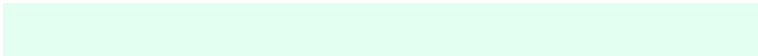
Harmonies

Analogous

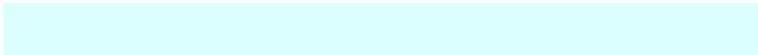
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.9742, -13.6857, 13.5210



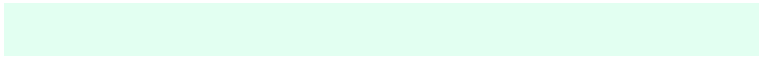
96.9740, -16.9243, 8.5784



96.9742, -17.0691, 2.4208

Triad

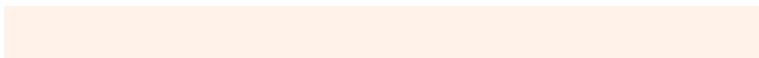
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



96.9742, -16.9235, 8.5778



96.9742, -2.2021, -7.0462



96.9742, 4.0638, 13.1580

Complementary

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



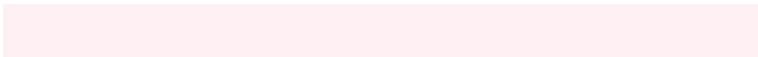
96.9740, -16.9243, 8.5784



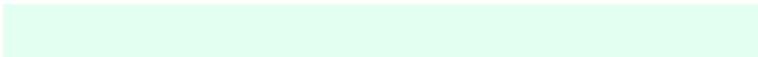
90.5234, 7.5460, 1.9179

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.



96.9742, 7.3121, 8.0519



96.9740, -16.9243, 8.5784



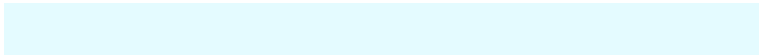
96.9742, 3.6304, -3.7576

Square

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



96.9742, -16.9235, 8.5778



96.9742, -8.6853, -6.8821



96.9742, 7.1514, 1.8592



96.9742, -1.6232, 16.0435

Rectangle

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



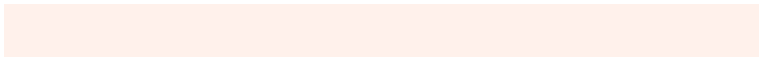
96.9740, -16.9243, 8.5784



96.9742, -15.4011, -1.5679



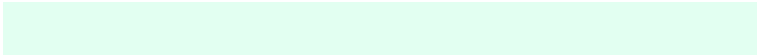
96.9742, 7.1514, 1.8592



96.9742, 5.4838, 11.6596

Sweetspot

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



96.9742, -16.9235, 8.5778



99.1677, -8.4808, 6.2400



97.7443, -15.0428, 16.3209



45.7785, -4.3077, 2.9880

0.0000, NaN, NaN



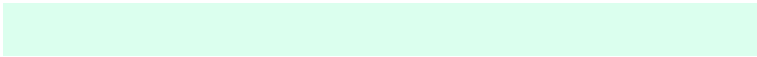
46.2646, -2.4686, 2.5136

Same Dimension

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



96.9742, -16.9235, 8.5778



96.3255, -19.4659, 9.3365



97.2631, -14.1781, 2.0135



45.0834, -6.9789, 3.7223



61.8629, -47.8566, 25.9854



19.3606, -14.5794, 7.2737

Inverse Universe

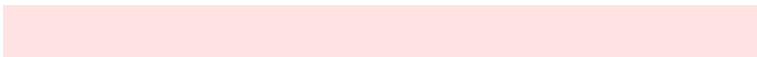
The Inverse Universe completely reimagines the original color for something new.



90.5234, 7.5460, 1.9179



88.4120, 10.5664, 1.1737



90.2264, 4.9151, 8.4012



42.5831, 2.5027, 1.1397



34.4777, 61.3016, 4.7795



10.8599, 19.4978, 0.0409

Previews

White Background



This preview shows how the HunterLab color 96.9740, -16.9243, 8.5784 looks on a white background.

Color Contrast Check

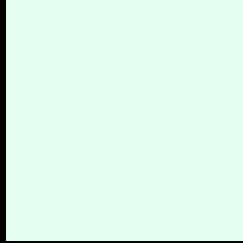
Large Text (above 18pt) WCAG AA × Fail

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 96.9740, -16.9243, 8.5784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

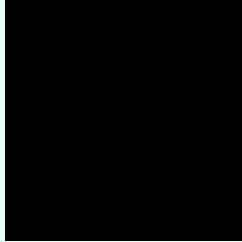
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

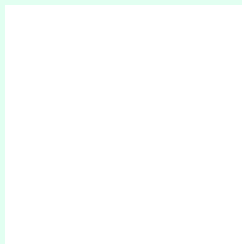
Any Text WCAG AAA ✓ Pass

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

HunterLab 96.9740, -16.9243, 8.5784 Background



This preview shows how black text looks on a background with the HunterLab color 96.9740, -16.9243, 8.5784.



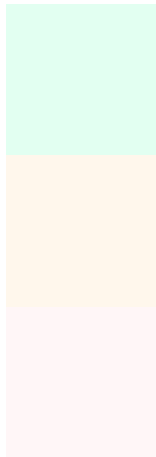
This preview shows how white text looks on a background with the HunterLab color 96.9740,

-16.9243 8.5784.

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

96.9740, -16.9243, 8.5784

Protanopia

96.8698, -4.3425, 11.0437

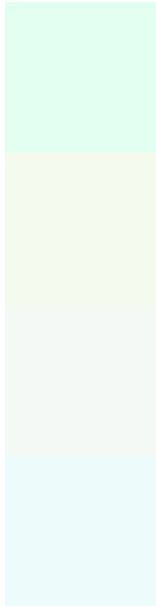
Deuteranopia

96.8953, -1.9559, 5.8278

Tritanopia

96.9670, -6.0648, 1.7970

Trichromacy



Original Color

96.9740, -16.9243, 8.5784

Protanomaly

96.8387, -9.2387, 9.9852

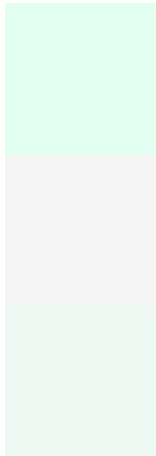
Deuteranomaly

96.7352, -7.5228, 6.5291

Tritanomaly

96.9025, -9.9144, 4.1999

Monochromacy



Original Color

96.9740, -16.9243, 8.5784

Achromatopsia

95.5562, -5.0986, 5.1917

Achromatomaly

96.1562, -9.6206, 6.3090

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 96.9740, -16.9243, 8.5784 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(226, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 241)  
}
```

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(226, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 241) }
```

Border

The CSS property to change the border of an element to HunterLab 96.9740, -16.9243, 8.5784 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(226, 255, 241) }
```


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

```
.border{ border-color:rgb(226, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
241) }
```

Background

The CSS property to change the background color of an element to HunterLab 96.9740, -16.9243, 8.5784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 241) }
```

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

```
.background{ background-color: rgb(226,  
255, 241) }
```

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