

Converting Colors

HunterLab(85.9967, -16.2732,
9.3047)

Have a look what the booklet for
HunterLab(85.9967, -16.2732,
9.3047) contains.

HunterLab(85.9967, -16.2732, 9.3047)	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(85.9967,
-16.2732, 9.3047)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE6D5
RGB	202, 230, 213
RGB Percent	79%, 90%, 84%
CMY	0.2078, 0.0980, 0.1647
CMYK	0.12, 0.00, 0.07, 0.10
HSL	144°, 36%, 85%
HSV	144°, 12%, 90%
XYZ	64.6642, 73.9543, 73.8173
YIQ	219.6900, -11.2310, -11.2230

Conversions

Conversions Part 2

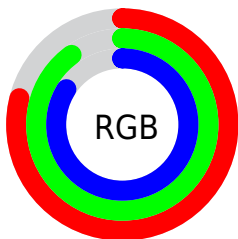
Format	Color
R _Y B	202, 222, 230
Decimal	13297365
CIE Lab	88.90, -12.40, 5.17
CIE LCh	89, 13.438, 157.380
Yxy	73.9575, 0.3044, 0.3481
Android (android.graphics.Color)	4291487445 (0xFFCAE6D5)
YUV	219.6900, -3.2982, -15.5141
Hunter-Lab	85.9967, -16.2732, 9.3047

Details

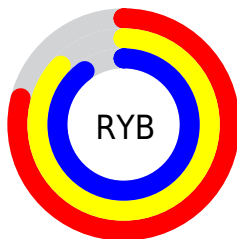
The HunterLab color **85.9967, -16.2732, 9.3047** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.1127, 8.0670, -0.0950**, and the grayscale version is **84.4832, -4.5078, 4.5901**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **62.4793, -13.5729, 7.5653** is the 20% darker color. If you saturate the color by 10%, you get **83.8484, -24.9608, 13.0073**, and if you desaturate by 10%, it is **88.4017, -6.8762, 5.6272**.

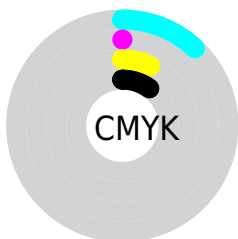
Distribution



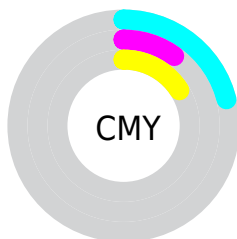
- Red (79%)
- Green (90%)
- Blue (84%)



- Red (79%)
- Yellow (87%)
- Blue (90%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (21%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.9967, -16.2732, 9.3047 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 85.9967, -16.2732, 9.3047 by changing the saturation by 10% instead.

■ 85.9967, -16.2732,
9.3047

■ 85.9967, -16.2732,
9.3047

217.7904,
-27.7597, 18.2432

■ 73.9995, -15.0310,
8.4135

111.7298,
-18.7709, 11.1515

■ 62.6171, -13.7853,
7.5408

125.4130,
-20.0273, 12.1048

■ 51.8867, -12.5333,
6.6873

139.6131,
-21.2914, 13.0784

■ 41.8508, -11.2679,
5.8515

154.3121,
-22.5644, 14.0720

■ 32.5611, -9.9789,
5.0310

169.4936,
-23.8471, 15.0855

■ 24.0834, -8.6498,
4.2216

185.1427,

■ 16.5042, -7.2525,

-25.1402, 16.1187

3.4147

201.2458,
-26.4443, 17.1713

■ 9.9466, -6.0304,
2.7200

0.0000, NaN, NaN

■ 85.9967, -16.2732,
9.3047

■ 85.9967, -16.2732,
9.3047

■ 83.8484, -24.9608,
13.0073

■ 88.4017, -6.8762,
5.6272

■ 81.9574, -32.8438,
16.6941

■ 91.0496, 3.1426,
2.0026

■ 80.3289, -39.8430,
20.3248

■ 92.2334, 8.0702,
-3.7862

■ 78.9624, -45.8933,
23.8546

■ 92.2369, 8.0891,
-3.8364

■ 77.8531, -50.9522,
27.2377

■ 76.9915, -55.0068,
30.4290

■ 76.3618, -58.0807,
33.3865

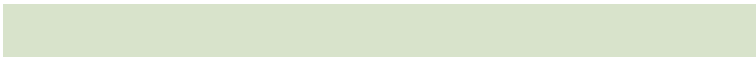
■ 75.9408, -60.2415,
36.0716

■ 75.7236, -61.4247,
37.9503

Harmonies

Analogous

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



85.9985, -12.3493, 13.9453



85.9967, -16.2732, 9.3047



85.9985, -17.1177, 3.0763

Triad

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



85.9985, -16.2749, 9.3059



85.9985, -2.9158, -8.5177



85.9985, 5.9898, 11.8602

Complementary

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



85.9967, -16.2732, 9.3047



80.1127, 8.0670, -0.0950

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.



85.9985, 8.6917, 6.2556



85.9967, -16.2732, 9.3047



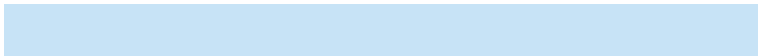
85.9985, 3.4477, -5.7442

Square

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



85.9985, -16.2749, 9.3059



85.9985, -9.5396, -7.5432



85.9985, 7.7473, -0.2157



85.9985, 0.4674, 15.3386

Rectangle

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



85.9967, -16.2732, 9.3047



85.9985, -15.8425, -1.2067



85.9985, 7.7473, -0.2157



85.9985, 7.2657, 10.1800

Sweetspot

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



85.9985, -16.2749, 9.3059



98.8555, -9.7374, 7.0861



87.1567, -12.7376, 15.4704



45.6378, -4.8820, 3.4227

0.0000, NaN, NaN



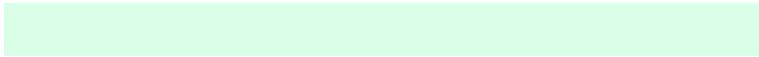
46.2646, -2.4686, 2.5136

Same Dimension

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



85.9985, -16.2749, 9.3059



95.9411, -21.2237, 11.6710



86.4204, -13.9124, 3.2798



40.2274, -6.4011, 3.8549



56.9946, -46.0937, 28.2649



15.5508, -12.1726, 6.8400

Inverse Universe

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



80.1127, 8.0670, -0.0950



87.7762, 12.5613, -1.3638



79.6784, 5.7485, 6.0930



38.0976, 2.4038, 0.4520



32.5808, 59.1438, -4.9010



8.9586, 16.4441, -2.7559

Previews

White Background



This preview shows how the HunterLab color 85.9967, -16.2732, 9.3047 looks on a white background.

Color Contrast Check

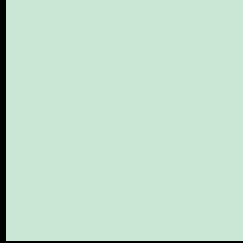
Large Text (above 18pt) WCAG AA × Fail

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 85.9967, -16.2732, 9.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

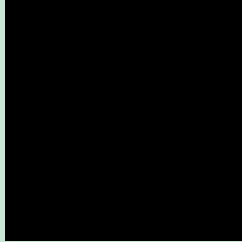
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

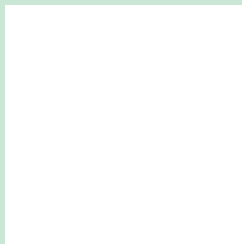
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.9967, -16.2732, 9.3047 Background



This preview shows how black text looks on a background with the HunterLab color 85.9967, -16.2732, 9.3047.



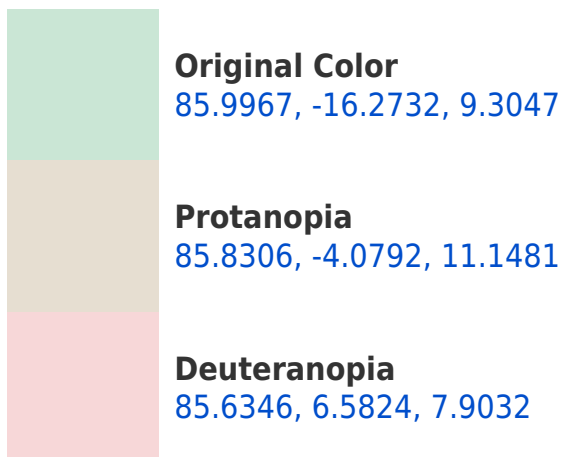
This preview shows how white text looks on a background with the HunterLab color 85.9967,

-16.2732, 9.3047.

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

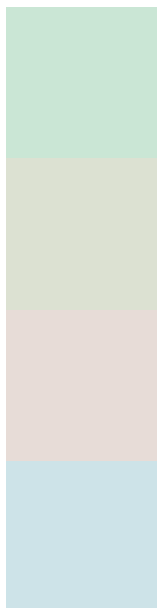




Tritanopia

86.0983, -7.4004, -5.4680

Trichromacy



Original Color

85.9967, -16.2732, 9.3047

Protanomaly

85.8599, -8.7326, 10.6492

Deuteranomaly

85.4878, -1.7429, 8.0584

Tritanomaly

85.8740, -10.5722, 0.0200

Monochromacy



Original Color

85.9967, -16.2732, 9.3047

Achromatopsia

84.5987, -4.5140, 4.5964

Achromatomaly

85.1277, -9.2799, 6.5717

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.9967, -16.2732, 9.3047 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(202, 230, 213)` looks like.

```
.text, #text, p{  
    color:rgb(202, 230, 213)  
}
```

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(202, 230, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 230, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 85.9967, -16.2732, 9.3047 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(202, 230, 213) }
```


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

```
.border{ border-color:rgb(202, 230, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 230, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 230, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 230, 213);  
box-shadow:4px 4px 4px 4px rgb(202, 230,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.9967, -16.2732, 9.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 230, 213) }
```

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

```
.background{ background-color: rgb(202,  
230, 213) }
```

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