

Converting Colors

HunterLab(87.0001, -57.4907,
15.3633)

Have a look what the booklet for
HunterLab(87.0001, -57.4907,
15.3633) contains.

HunterLab(87.0001, -57.4907, 15.3633)	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(87.0001,
-57.4907, 15.3633)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFC8
RGB	0, 255, 200
RGB Percent	0%, 100%, 78%
CMY	0.9998, 0.0000, 0.2157
CMYK	1.00, 0.00, 0.22, 0.00
HSL	167°, 100%, 50%
HSV	167°, 100%, 100%
XYZ	46.1853, 75.6902, 66.8191
YIQ	172.4850, -134.3250, -71.1650

Conversions

Conversions Part 2

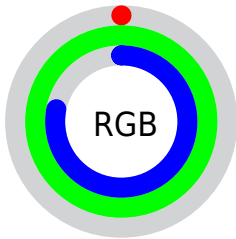
Format	Color
RYB	0, 143, 255
Decimal	65480
CIELab	89.72, -62.58, 12.31
CIELCh	90, 63.777, 168.873
Yxy	75.6905, 0.2448, 0.4011
Android (android.graphics.Color)	4278255560 (0xFF00FFC8)
YUV	172.4850, 13.5649, -151.2693
Hunter-Lab	87.0001, -57.4907, 15.3633

Details

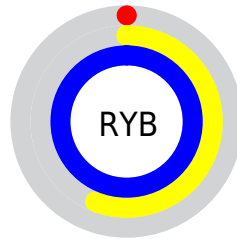
The HunterLab color **87.0001, -57.4907, 15.3633** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **46.4081, 80.0654, 25.3740**, and the grayscale version is **64.4214, -3.4374, 3.5001**.

A 20% lighter version of the original color is **90.8416, -38.8231, -6.4516**, and **64.8134, -44.1464, 14.2883** is the 20% darker color. If you saturate the color by 10%, you get **86.9999, -57.4918, 15.3660**, and if you desaturate by 10%, it is **87.2730, -56.0774, 13.3405**.

Distribution



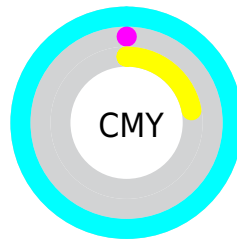
- Red (0%)
- Green (100%)
- Blue (78%)



- Red (0%)
- Yellow (56%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.0001, -57.4907, 15.3633 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 87.0001, -57.4907, 15.3633 by changing the saturation by 10% instead.


 87.0001, -57.4907,
15.3633


 87.0001, -57.4907,
15.3633


219.1546,
-88.4624, 26.8527

 74.9525, -53.5345,
14.1190


 112.8226,
-64.9778, 17.8577

 63.5187, -49.3998,
12.8732


 126.5485,
-68.5536, 19.1139

 52.7339, -45.0441,
11.6203


 140.7899,
-72.0384, 20.3781

 42.6397, -40.4112,
10.3526

 155.5287,
-75.4446, 21.6515

 33.2871, -35.4210,
9.0588

 170.7487,
-78.7823, 22.9350

 24.7404, -29.9560,
7.7213

186.4352,

 17.0843, -24.1836,

-82.0599, 24.2293

6.3095

202.5746,
-85.2846, 25.5351

■ 10.4377, -18.2660,
5.5421

0.0000, NaN, NaN

■ 87.0001, -57.4907,
15.3633

■ 87.0001, -57.4907,
15.3633

■ 86.9999, -57.4918,
15.3660

■ 87.2730, -56.0774,
13.3405

■ 87.7087, -54.0008,
11.4390

■ 88.3532, -51.0902,
9.7229

■ 89.2309, -47.2710,
8.2350

■ 90.3592, -42.5085,
7.0092

■ 91.7497, -36.8005,
6.0711

■ 93.4089, -30.1725,
5.4385

■ 95.3391, -22.6720,
5.1209

■ 97.5391, -14.3629,
5.1207

Harmonies

Analogous

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



87.0003, -46.5823, 35.2737



87.0001, -57.4907, 15.3633



87.0003, -55.8679, -16.5750

Triad

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



87.0003, -57.4897, 15.3626



87.0003, 16.3222, -71.5614



87.0003, 39.9854, 38.4686

Complementary

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



87.0001, -57.4907, 15.3633



46.4081, 80.0654, 25.3740

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.



87.0003, 62.1081, 21.7293



87.0001, -57.4907, 15.3633



87.0003, 47.1323, -43.6516

Square

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



87.0003, -57.4897, 15.3626



87.0003, -16.2874, -75.2472



87.0003, 64.8989, -7.4280



87.0003, 7.6400, 44.9962

Rectangle

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



87.0001, -57.4907, 15.3633



87.0003, -47.8316, -40.9856



87.0003, 64.8989, -7.4280



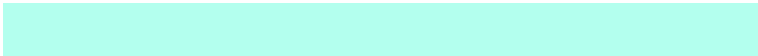
87.0003, 49.0537, 34.2061

Sweetspot

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



87.0003, -57.4897, 15.3626



93.4059, -30.1844, 5.4393



85.0531, -70.4541, 51.1751



42.8750, -15.3079, 2.6224

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

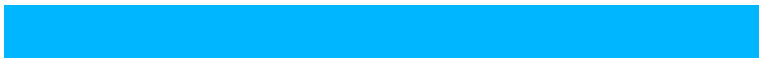
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.0003, -57.4897, 15.3626



86.9999, -57.4918, 15.3660



64.0228, -14.6387, -48.4197



45.1779, -6.4521, 2.3727



62.9067, -41.4469, 10.8441



19.6696, -12.6872, 2.8028

Inverse Universe

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



46.4081, 80.0654, 25.3740



46.4068, 80.0676, 25.3784



50.9227, 63.6322, 32.4909



42.4867, 1.9850, 2.5134



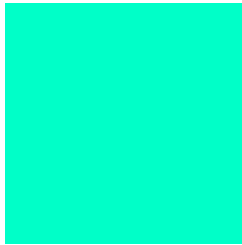
33.5719, 57.9750, 17.9555



10.5483, 18.3585, 4.5353

Previews

White Background



This preview shows how the HunterLab color 87.0001, -57.4907, 15.3633 looks on a white background.

Color Contrast Check

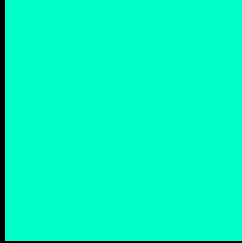
Large Text (above 18pt) WCAG AA × Fail

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 87.0001, -57.4907, 15.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

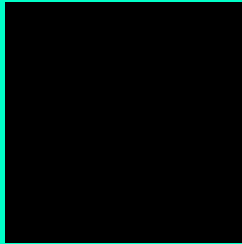
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

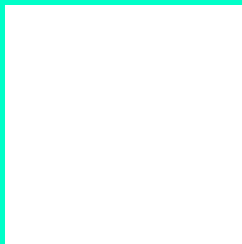
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.0001, -57.4907, 15.3633 Background



This preview shows how black text looks on a background with the HunterLab color 87.0001, -57.4907, 15.3633.



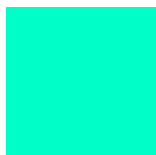
This preview shows how white text looks on a background with the HunterLab color 87.0001,

-57.4907, 15.3633.

Color Blindness Simulation

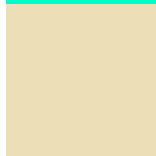
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



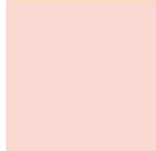
Original Color

87.0001, -57.4907, 15.3633



Protanopia

86.0633, -6.1913, 21.6831



Deuteranopia

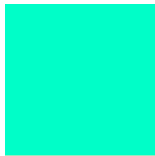
86.1536, 6.3796, 11.6864



Tritanopia

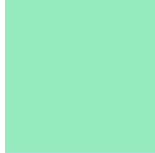
86.6194, -28.2330, -11.8778

Trichromacy



Original Color

87.0001, -57.4907, 15.3633



Protanomaly

83.4376, -35.6690, 16.1729



Deuteranomaly

82.7789, -28.5614, 8.6846



Tritanomaly

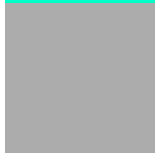
85.6608, -42.2316, -2.3566

Monochromacy



Original Color

87.0001, -57.4907, 15.3633



Achromatopsia

64.2295, -3.4271, 3.4897



Achromatomaly

69.9068, -30.7448, 5.0033

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.0001, -57.4907, 15.3633 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(0, 255, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 200)  
}
```

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(0, 255, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 87.0001, -57.4907, 15.3633 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(0, 255, 200) }
```


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

```
.border{ border-color:rgb(0, 255, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
200) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.0001, -57.4907, 15.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 200) }
```

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

```
.background{ background-color: rgb(0, 255,  
200) }
```

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