

Converting Colors

HunterLab(87.1884, -57.1529,
18.9134)

Have a look what the booklet for
HunterLab(87.1884, -57.1529,
18.9134) contains.

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Color

**HunterLab(87.1949,
-57.1134, 18.8197)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFC0
RGB	51, 255, 192
RGB Percent	20%, 100%, 75%
CMY	0.8000, 0.0000, 0.2471
CMYK	0.80, 0.00, 0.25, 0.00
HSL	161°, 100%, 60%
HSV	161°, 80%, 100%
XYZ	46.6396, 76.0295, 62.0861
YIQ	186.8220, -101.3610, -62.8410

Conversions

Conversions Part 2

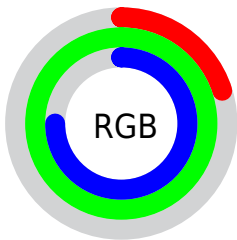
Format	Color
RYB	51, 172, 255
Decimal	3407808
CIELab	89.87, -61.97, 16.69
CIELCh	90, 64.182, 164.926
Yxy	76.0299, 0.2524, 0.4115
Android (android.graphics.Color)	4281597888 (0xFF33FFC0)
YUV	186.8220, 2.5528, -119.1159
Hunter-Lab	87.1949, -57.1134, 18.8197

Details

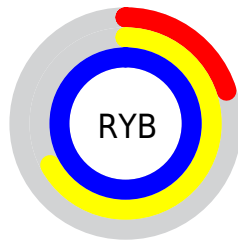
The HunterLab color **87.1949, -57.1134, 18.8197** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed cyan. A complement of this color would be **49.8433, 75.5836, 13.0971**, and the grayscale version is **70.4400, -3.7585, 3.8271**.

A 20% lighter version of the original color is **91.1716, -38.0398, -2.2387**, and **64.6278, -45.2820, 16.9717** is the 20% darker color. If you saturate the color by 10%, you get **86.7175, -59.4594, 21.3416**, and if you desaturate by 10%, it is **87.8873, -53.8933, 16.3997**.

Distribution



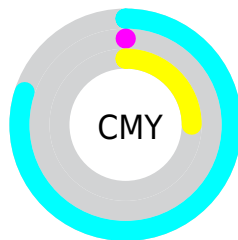
- Red (20%)
- Green (100%)
- Blue (75%)



- Red (20%)
- Yellow (67%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.1949, -57.1134, 18.8197 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 87.1949, -57.1134, 18.8197 by changing the saturation by 10% instead.


 87.1949, -57.1134,
18.8197


 87.1949, -57.1134,
18.8197


219.4197,
-87.8263, 31.9261


 75.1379, -53.1948,
17.3505


 113.0350,
-64.5328, 21.7282


 63.6942, -49.1004,
15.8651


 126.7692,
-68.0774, 23.1768

 52.8988, -44.7887,
14.3546


 141.0186,
-71.5327, 24.6253

 42.7934, -40.2042,
12.8073

 155.7651,
-74.9107, 26.0756

 33.4286, -35.2683,
11.2059

170.9926,
-78.2213, 27.5297

 24.8686, -29.8651,
9.5239

186.6864,

 17.1976, -24.0941,

-81.4730, 28.9887

7.7171

202.8328,
-84.6727, 30.4539

■ 10.5339, -18.4343,
7.2434

0.0000, NaN, NaN

■ 87.1949, -57.1134,
18.8197

■ 87.1949, -57.1134,
18.8197

■ 86.7175, -59.4594,
21.3416

■ 87.8873, -53.8933,
16.3997

■ 86.4087, -61.1034,
23.9017

■ 88.8185, -49.7308,
14.1303

■ 86.4086, -61.1039,
23.9026

■ 90.0055, -44.5954,
12.0510

■ 91.4593, -38.4915,
10.1956

■ 93.1859, -31.4514,
8.5904

■ 95.1870, -23.5295,
7.2547

■ 97.4603, -14.7963,
6.2005

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



87.1951, -44.5028, 37.1886



87.1949, -57.1134, 18.8197



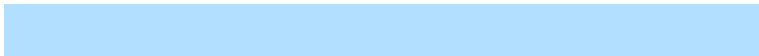
87.1951, -57.1437, -11.9740

Triad

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



87.1951, -57.1125, 18.8191



87.1951, 12.0090, -74.3255



87.1951, 44.0822, 37.1273

Complementary

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



87.1949, -57.1134, 18.8197



49.8433, 75.5836, 13.0971

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.



87.1951, 64.2215, 18.6965



87.1949, -57.1134, 18.8197



87.1951, 43.9442, -48.6269

Square

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



87.1951, -57.1125, 18.8191



87.1951, -20.3034, -74.2542



87.1951, 64.1676, -12.1506



87.1951, 12.1765, 44.8170

Rectangle

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



87.1949, -57.1134, 18.8197



87.1951, -50.1584, -36.5495



87.1951, 64.1676, -12.1506



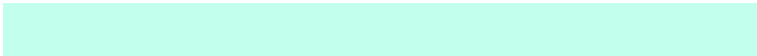
87.1951, 52.6463, 32.3562

Sweetspot

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



87.1951, -57.1125, 18.8191



94.3530, -26.8027, 7.7562



86.8592, -62.5925, 50.2878



43.3257, -13.6954, 3.8122

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.1951, -57.1125, 18.8191



86.5197, -60.4989, 22.8831



76.0661, -28.9624, -27.3778



45.1446, -6.6376, 2.8481



62.4834, -44.0319, 16.9534



19.5473, -13.4321, 4.5636

Inverse Universe

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



49.8433, 75.5836, 13.0971



47.0639, 80.8100, 19.3770



53.4281, 58.0492, 30.4616



42.5199, 2.1637, 2.0392



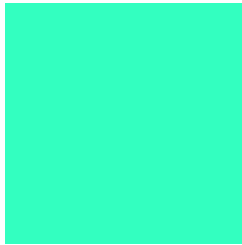
33.8012, 58.8217, 14.5851



10.6350, 18.6772, 3.2713

Previews

White Background



This preview shows how the HunterLab color 87.1949, -57.1134, 18.8197 looks on a white background.

Color Contrast Check

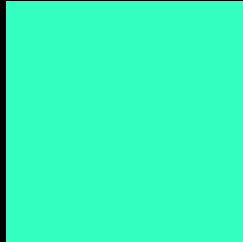
Large Text (above 18pt) WCAG AA × Fail

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 87.1949, -57.1134, 18.8197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

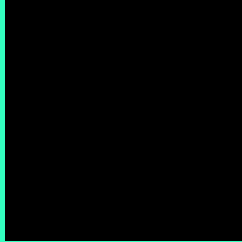
Any Text WCAG AA ✓ Pass

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 87.1949, -57.1134, 18.8197 Background



This preview shows how black text looks on a background with the HunterLab color 87.1949, -57.1134, 18.8197.



This preview shows how white text looks on a background with the HunterLab color 87.1949, -57.1134, 18.8197.

-57.1134, 18.8197.

Color Blindness Simulation

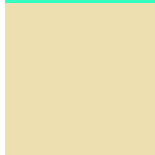
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



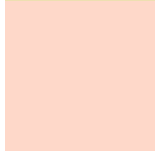
Original Color

87.1949, -57.1134, 18.8197



Protanopia

86.0969, -6.4063, 24.2963



Deuteranopia

86.2552, 6.2719, 15.2764



Tritanopia

86.8216, -27.4756, -11.5891

Trichromacy



Original Color

87.1949, -57.1134, 18.8197



Protanomaly

84.4631, -32.1480, 20.4169



Deuteranomaly

83.8893, -24.8570, 13.4974



Tritanomaly

86.2821, -40.0063, 0.0054

Monochromacy



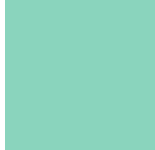
Original Color

87.1949, -57.1134, 18.8197



Achromatopsia

70.4935, -3.7614, 3.8300



Achromatomaly

74.9429, -28.2318, 7.5967

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.1949, -57.1134, 18.8197 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(51, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 192)  
}
```

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(51, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 192) }
```

Border

The CSS property to change the border of an element to HunterLab 87.1949, -57.1134, 18.8197 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(51, 255, 192) }
```


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

```
.border{ border-color:rgb(51, 255, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
192) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.1949, -57.1134, 18.8197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 192) }
```

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

```
.background{ background-color: rgb(51, 255,  
192) }
```

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](#).

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