

Converting Colors

HunterLab(93.9322, -64.3872,
25.2607)

Have a look what the booklet for
HunterLab(93.9322, -64.3872,
25.2607) contains.

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Color

**HunterLab(87.1517,
-57.2899, 18.7731)**

Conversions

Conversions Part 1

Format	Color
Hex	30FFC0
RGB	48, 255, 192
RGB Percent	19%, 100%, 75%
CMY	0.8117, 0.0000, 0.2470
CMYK	0.81, 0.00, 0.25, 0.00
HSL	162°, 100%, 59%
HSV	162°, 81%, 100%
XYZ	46.4934, 75.9542, 62.0794
YIQ	185.9250, -103.1490, -63.4770

Conversions

Conversions Part 2

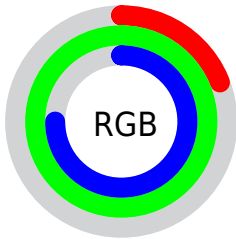
Format	Color
RYB	48, 170, 255
Decimal	3211200
CIELab	89.84, -62.24, 16.64
CIELCh	90, 64.421, 165.033
Yxy	75.9545, 0.2520, 0.4116
Android (android.graphics.Color)	4281401280 (0xFF30FFC0)
YUV	185.9250, 2.9950, -120.9602
Hunter-Lab	87.1517, -57.2899, 18.7731

Details

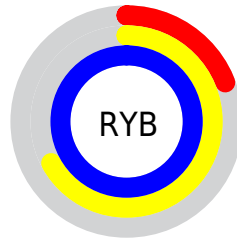
The HunterLab color **87.1517, -57.2899, 18.7731** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed cyan. A complement of this color would be **49.5204, 76.1476, 13.8384**, and the grayscale version is **70.0618, -3.7383, 3.8066**.

A 20% lighter version of the original color is **91.0848, -38.3734, -2.3530**, and **64.6278, -45.2820, 16.9717** is the 20% darker color. If you saturate the color by 10%, you get **86.6991, -59.5297, 21.2794**, and if you desaturate by 10%, it is **87.8155, -54.1896, 16.3672**.

Distribution



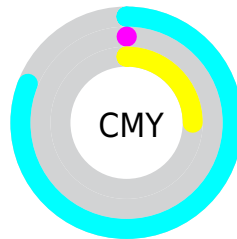
- Red (19%)
- Green (100%)
- Blue (75%)



- Red (19%)
- Yellow (67%)
- Blue (100%)



- Cyan (81%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)



- Cyan (81%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.1517, -57.2899, 18.7731 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 87.1517, -57.2899, 18.7731 by changing the saturation by 10% instead.

87.1517, -57.2899,
18.7731

87.1517, -57.2899,
18.7731

219.3609,
-88.1124, 31.8591

75.0967, -53.3556,
17.3066

112.9879,
-64.7378, 21.6764

63.6552, -49.2444,
15.8242

126.7202,
-68.2955, 23.1226

52.8622, -44.9145,
14.3168

140.9678,
-71.7633, 24.5687

42.7593, -40.3101,
12.7729

155.7127,
-75.1533, 26.0169

33.3972, -35.3520,
11.1752

170.9385,
-78.4754, 27.4688

24.8402, -29.9239,
9.4972

186.6306,

17.1725, -24.1460,

-81.7382, 28.9257

7.6949

202.7755,
-84.9485, 30.3889

■ 10.5125, -18.3969,
7.2306

0.0000, NaN, NaN

■ 87.1517, -57.2899,
18.7731

■ 87.1517, -57.2899,
18.7731

■ 86.6991, -59.5297,
21.2794

■ 87.8155, -54.1896,
16.3672

■ 86.4349, -60.9427,
23.5218

■ 88.7152, -50.1550,
14.1111

■ 89.8689, -45.1508,
12.0449

■ 91.2882, -39.1774,
10.2026

■ 92.9795, -32.2638,
8.6111

■ 94.9450, -24.4618,
7.2902

■ 97.1831, -15.8400,
6.2520

■ 99.6890, -6.4778,
5.5022

■ 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.



87.1519, -44.6926, 37.2217



87.1517, -57.2899, 18.7731



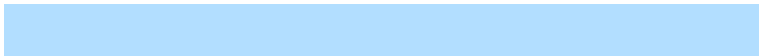
87.1519, -57.2750, -12.1700

Triad

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



87.1519, -57.2889, 18.7724



87.1519, 12.1946, -74.6541



87.1519, 44.1765, 37.2491

Complementary

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



87.1517, -57.2899, 18.7731



49.5204, 76.1476, 13.8384

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.



87.1519, 64.4658, 18.8274



87.1517, -57.2899, 18.7731



87.1519, 44.2385, -48.7454

Square

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



87.1519, -57.2889, 18.7724



87.1519, -20.2493, -74.6862



87.1519, 64.4900, -12.0907



87.1519, 12.1195, 44.9084

Rectangle

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



87.1517, -57.2899, 18.7731



87.1519, -50.2431, -36.8622



87.1519, 64.4900, -12.0907



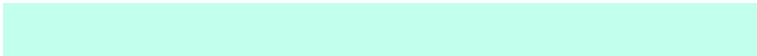
87.1519, 52.7944, 32.4860

Sweetspot

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



87.1519, -57.2889, 18.7724



94.3614, -26.7545, 7.6355



86.7648, -63.0136, 50.4493



43.3301, -13.6699, 3.7485

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

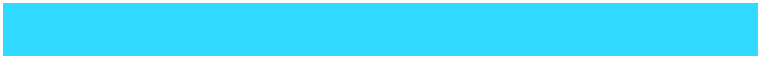
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.1519, -57.2889, 18.7724



86.5177, -60.4922, 22.7648



75.8295, -28.9020, -27.7526



45.1462, -6.6288, 2.8253



62.5023, -43.9163, 16.6804



19.5528, -13.3984, 4.4839

Inverse Universe

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



49.5204, 76.1476, 13.8384



46.9569, 80.8340, 20.0342



53.0307, 58.9960, 30.5824



42.5183, 2.1550, 2.0621



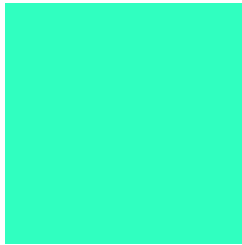
33.7882, 58.7737, 14.7761



10.6303, 18.6600, 3.3394

Previews

White Background



This preview shows how the HunterLab color 87.1517, -57.2899, 18.7731 looks on a white background.

Color Contrast Check

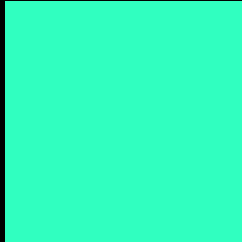
Large Text (above 18pt) WCAG AA × Fail

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 87.1517, -57.2899, 18.7731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

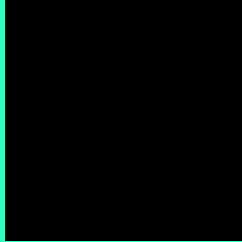
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

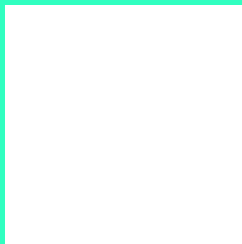
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.1517, -57.2899, 18.7731 Background



This preview shows how black text looks on a background with the HunterLab color 87.1517, -57.2899, 18.7731.



This preview shows how white text looks on a background with the HunterLab color 87.1517,

-57.2899, 18.7731.

Color Blindness Simulation

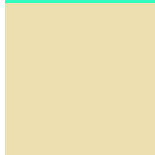
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



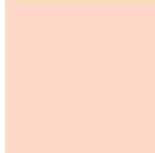
Original Color

87.1517, -57.2899, 18.7731



Protanopia

86.0969, -6.4063, 24.2963



Deuteranopia

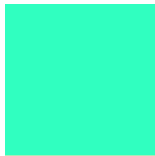
86.2552, 6.2719, 15.2764



Tritanopia

86.7704, -27.6672, -11.6621

Trichromacy



Original Color

87.1517, -57.2899, 18.7731



Protanomaly

84.3973, -32.3984, 20.3478



Deuteranomaly

83.8180, -25.1225, 13.4166



Tritanomaly

86.2086, -40.2924, -0.0897

Monochromacy



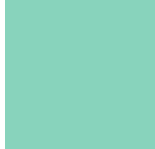
Original Color

87.1517, -57.2899, 18.7731



Achromatopsia

70.0729, -3.7389, 3.8072



Achromatomaly

74.4672, -28.3846, 7.5091

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.1517, -57.2899, 18.7731 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(48, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(48, 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(48, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 255, 192) }
```

Border

The CSS property to change the border of an element to HunterLab 87.1517, -57.2899, 18.7731 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(48, 255, 192) }
```


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

```
.border{ border-color:rgb(48, 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(48, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(48, 255,  
192) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.1517, -57.2899, 18.7731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 255, 192) }
```

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

```
.background{ background-color: rgb(48, 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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