

Converting Colors

HunterLab(87.1696, -57.2674,
19.1853)

Have a look what the booklet for
HunterLab(87.1696, -57.2674,
19.1853) contains.

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Color

**HunterLab(87.1696,
-57.2674, 19.1853)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFBF
RGB	51, 255, 191
RGB Percent	20%, 100%, 75%
CMY	0.8000, 0.0000, 0.2510
CMYK	0.80, 0.00, 0.25, 0.00
HSL	161°, 100%, 60%
HSV	161°, 80%, 100%
XYZ	46.5292, 75.9854, 61.5045
YIQ	186.7080, -101.0400, -63.1520

Conversions

Conversions Part 2

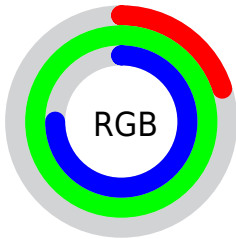
Format	Color
RYB	51, 172, 255
Decimal	3407807
CIELab	89.85, -62.20, 17.18
CIELCh	90, 64.525, 164.562
Yxy	75.9858, 0.2529, 0.4129
Android (android.graphics.Color)	4281597887 (0xFF33FFBF)
YUV	186.7080, 2.1160, -119.0159
Hunter-Lab	87.1696, -57.2674, 19.1853

Details

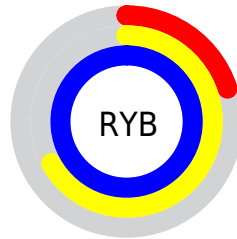
The HunterLab color **87.1696, -57.2674, 19.1853** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **49.8664, 75.6731, 12.7645**, and the grayscale version is **70.3939, -3.7560, 3.8246**.

A 20% lighter version of the original color is **91.1376, -38.2382, -1.7568**, and **64.6055, -45.4187, 17.2947** is the 20% darker color. If you saturate the color by 10%, you get **86.6904, -59.6251, 21.7338**, and if you desaturate by 10%, it is **87.8642, -54.0332, 16.7337**.

Distribution



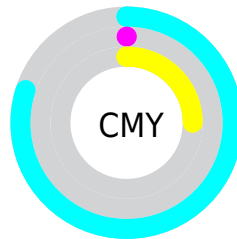
- Red (20%)
- Green (100%)
- Blue (75%)



- 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 87.1696, -57.2674, 19.1853 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 87.1696, -57.2674, 19.1853 by changing the saturation by 10% instead.


 87.1696, -57.2674,
19.1853


 87.1696, -57.2674,
19.1853


219.3853,
-88.0731, 32.4726

 75.1138, -53.3356,
17.6908


 113.0074,
-64.7109, 22.1403

 63.6714, -49.2271,
16.1783


 126.7405,
-68.2666, 23.6105

 52.8774, -44.9001,
14.6387


 140.9889,
-71.7325, 25.0796

 42.7734, -40.2989,
13.0598

 155.7344,
-75.1206, 26.5497

 33.4102, -35.3445,
11.4235

170.9610,
-78.4410, 28.0228

 24.8520, -29.9206,
9.7023

186.6537,

 17.1829, -24.1421,

-81.7020, 29.5003

7.8506

202.7993,
-84.9107, 30.9832

■ 10.5214, -18.4124,
7.3650

0.0000, NaN, NaN

■ 87.1696, -57.2674,
19.1853

■ 87.1696, -57.2674,
19.1853

■ 86.6904, -59.6251,
21.7338

■ 87.8642, -54.0332,
16.7337

■ 86.3801, -61.2785,
24.3155

■ 88.7978, -49.8545,
14.4278

■ 86.3800, -61.2791,
24.3166

■ 89.9876, -44.7011,
12.3076

■ 91.4446, -38.5776,
10.4070

■ 93.1746, -31.5166,
8.7532

■ 95.1793, -23.5732,
7.3656

■ 97.4565, -14.8180,
6.2570

■ 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.



87.1698, -44.4582, 37.4583



87.1696, -57.2674, 19.1853



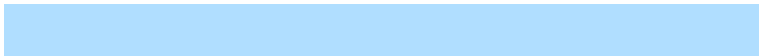
87.1698, -57.4514, -11.6360

Triad

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



87.1698, -57.2665, 19.1846



87.1698, 11.6878, -75.0478



87.1698, 44.7045, 37.0955

Complementary

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



87.1696, -57.2674, 19.1853



49.8664, 75.6731, 12.7645

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.



87.1698, 64.7645, 18.4576



87.1696, -57.2674, 19.1853



87.1698, 43.8843, -49.3932

Square

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



87.1698, -57.2665, 19.1846



87.1698, -20.7369, -74.6230



87.1698, 64.4440, -12.6854



87.1698, 12.6827, 44.8986

Rectangle

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



87.1696, -57.2674, 19.1853



87.1698, -50.5424, -36.3611



87.1698, 64.4440, -12.6854



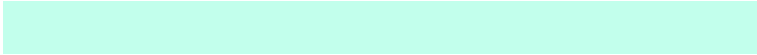
87.1698, 53.2660, 32.2681

Sweetspot

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



87.1698, -57.2665, 19.1846



94.3437, -26.8554, 7.8883



86.8592, -62.5923, 50.2878



43.3208, -13.7234, 3.8818

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

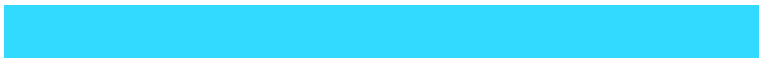
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.1698, -57.2665, 19.1846



86.4917, -60.6706, 23.2890



76.0662, -28.9624, -27.3777



45.1428, -6.6473, 2.8730



62.4629, -44.1576, 17.2502



19.5413, -13.4688, 4.6503

Inverse Universe

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



49.8664, 75.6731, 12.7645



47.0846, 80.8866, 19.0748



53.4283, 58.0488, 30.4616



42.5217, 2.1731, 2.0141



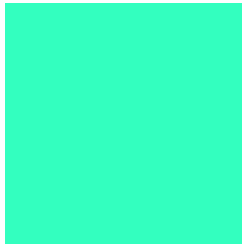
33.8158, 58.8753, 14.3722



10.6402, 18.6963, 3.1958

Previews

White Background



This preview shows how the HunterLab color 87.1696, -57.2674, 19.1853 looks on a white background.

Color Contrast Check

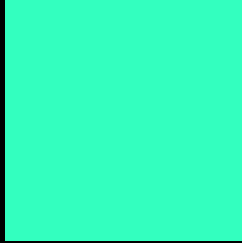
Large Text (above 18pt) WCAG AA × Fail

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 87.1696, -57.2674, 19.1853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

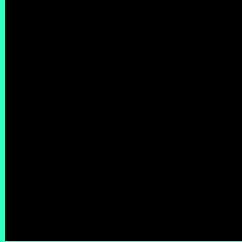
Any Text WCAG AA ✓ Pass

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 87.1696, -57.2674, 19.1853 Background



This preview shows how black text looks on a background with the HunterLab color 87.1696, -57.2674, 19.1853.



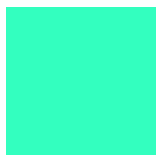
This preview shows how white text looks on a background with the HunterLab color 87.1696, -57.2674, 19.1853.

-57.2674, 19.1853.

Color Blindness Simulation

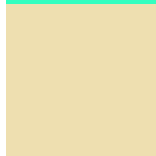
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.1696, -57.2674, 19.1853



Protanopia

86.0739, -6.5332, 24.6308



Deuteranopia

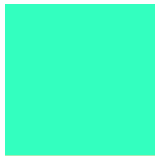
86.2280, 6.1263, 15.6679



Tritanopia

86.8216, -27.4756, -11.5891

Trichromacy



Original Color

87.1696, -57.2674, 19.1853



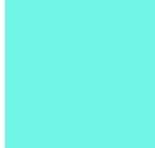
Protanomaly

84.4387, -32.2897, 20.7695



Deuteranomaly

83.8619, -25.0139, 13.8915



Tritanomaly

86.2821, -40.0063, 0.0054

Monochromacy



Original Color

87.1696, -57.2674, 19.1853



Achromatopsia

70.4935, -3.7614, 3.8300



Achromatomaly

74.9140, -28.3994, 8.0101

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.1696, -57.2674, 19.1853 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 191) }
```

Border

The CSS property to change the border of an element to HunterLab 87.1696, -57.2674, 19.1853 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, 191) }
```


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

```
.border{ border-color:rgb(51, 255, 191) }
```

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, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
191) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.1696, -57.2674, 19.1853 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, 191) }
```

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

```
.background{ background-color: rgb(51, 255,  
191) }
```

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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