

Converting Colors

HunterLab(87.1467, -57.4067,
19.5157)

Have a look what the booklet for
HunterLab(87.1467, -57.4067,
19.5157) contains.

HunterLab(87.1444, -57.4206, 19.5486)	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(87.1444,
-57.4206, 19.5486)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFBE
RGB	51, 255, 190
RGB Percent	20%, 100%, 75%
CMY	0.8000, 0.0000, 0.2549
CMYK	0.80, 0.00, 0.25, 0.00
HSL	161°, 100%, 60%
HSV	161°, 80%, 100%
XYZ	46.4195, 75.9415, 60.9268
YIQ	186.5940, -100.7190, -63.4630

Conversions

Conversions Part 2

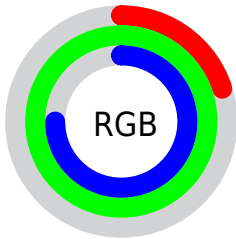
Format	Color
RYB	51, 172, 255
Decimal	3407806
CIELab	89.83, -62.42, 17.66
CIELCh	90, 64.869, 164.202
Yxy	75.9418, 0.2533, 0.4143
Android (android.graphics.Color)	4281597886 (0xFF33FFBE)
YUV	186.5940, 1.6792, -118.9159
Hunter-Lab	87.1444, -57.4206, 19.5486

Details

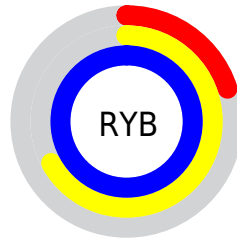
The HunterLab color **87.1444, -57.4206, 19.5486** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **49.8894, 75.7640, 12.4292**, and the grayscale version is **70.3474, -3.7536, 3.8221**.

A 20% lighter version of the original color is **91.1039, -38.4357, -1.2772**, and **64.5833, -45.5542, 17.6150** is the 20% darker color. If you saturate the color by 10%, you get **86.6634, -59.7898, 22.1231**, and if you desaturate by 10%, it is **87.8411, -54.1727, 17.0659**.

Distribution



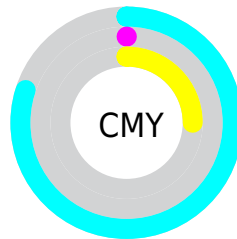
- Red (20%)
- Green (100%)
- Blue (75%)



- 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 87.1444, -57.4206, 19.5486 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 87.1444, -57.4206, 19.5486 by changing the saturation by 10% instead.


 87.1444, -57.4206,
19.5486


 87.1444, -57.4206,
19.5486


219.3510,
-88.3188, 33.0174

 75.0898, -53.4757,
18.0287


 112.9800,
-64.8881, 22.5503

 63.6487, -49.3530,
16.4891


 126.7120,
-68.4549, 24.0421

 52.8560, -45.0108,
14.9203


 140.9593,
-71.9313, 25.5318

 42.7535, -40.3930,
13.3096

 155.7039,
-75.3295, 27.0219

 33.3919, -35.4202,
11.6383

170.9294,
-78.6596, 28.5141

 24.8354, -29.9756,
9.8778

186.6213,

 17.1682, -24.1901,

-81.9300, 30.0099

7.9810

202.7659,
-85.1477, 31.5107

■ 10.5089, -18.3906,
7.3562

0.0000, NaN, NaN

■ 87.1444, -57.4206,
19.5486

■ 87.1444, -57.4206,
19.5486

■ 86.6634, -59.7898,
22.1231

■ 87.8411, -54.1727,
17.0659

■ 86.3518, -61.4522,
24.7258

■ 88.7771, -49.9781,
14.7241

■ 86.3517, -61.4527,
24.7267

■ 89.9697, -44.8069,
12.5633

■ 91.4298, -38.6640,
10.6180

■ 93.1632, -31.5825,
8.9157

■ 95.1714, -23.6176,
7.4765

■ 97.4524, -14.8405,
6.3135

■ 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.



87.1446, -44.4131, 37.7254



87.1444, -57.4206, 19.5486



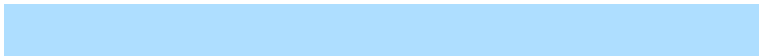
87.1446, -57.7579, -11.2986

Triad

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



87.1446, -57.4197, 19.5479



87.1446, 11.3666, -75.7715



87.1446, 45.3275, 37.0634

Complementary

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



87.1444, -57.4206, 19.5486



49.8894, 75.7640, 12.4292

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.



87.1446, 65.3074, 18.2177



87.1444, -57.4206, 19.5486



87.1446, 43.8236, -50.1624

Square

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



87.1446, -57.4197, 19.5479



87.1446, -21.1693, -74.9913



87.1446, 64.7195, -13.2227



87.1446, 13.1898, 44.9796

Rectangle

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



87.1444, -57.4206, 19.5486



87.1446, -50.9250, -36.1722



87.1446, 64.7195, -13.2227



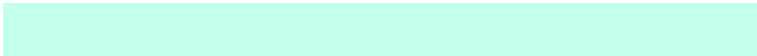
87.1446, 53.8862, 32.1796

Sweetspot

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



87.1446, -57.4197, 19.5479



94.3345, -26.9081, 8.0201



86.9951, -62.0296, 50.3848



43.3160, -13.7513, 3.9513

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.1446, -57.4197, 19.5479



86.4639, -60.8408, 23.6913



77.2255, -30.5010, -25.5833



45.1411, -6.6570, 2.8978



62.4426, -44.2821, 17.5444



19.5354, -13.5052, 4.7363

Inverse Universe

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



49.8894, 75.7640, 12.4292



47.1056, 80.9644, 18.7681



52.9124, 59.5036, 30.1355



42.5235, 2.1826, 1.9890



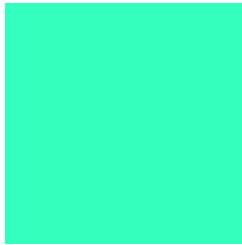
33.8306, 58.9298, 14.1559



10.6454, 18.7156, 3.1195

Previews

White Background



This preview shows how the HunterLab color 87.1444, -57.4206, 19.5486 looks on a white background.

Color Contrast Check

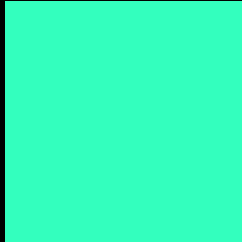
Large Text (above 18pt) WCAG AA × Fail

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 87.1444, -57.4206, 19.5486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

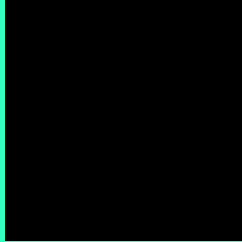
Any Text WCAG AA ✓ Pass

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 87.1444, -57.4206, 19.5486 Background



This preview shows how black text looks on a background with the HunterLab color 87.1444, -57.4206, 19.5486.



This preview shows how white text looks on a background with the HunterLab color 87.1444, -57.4206, 19.5486.

-57.4206, 19.5486.

Color Blindness Simulation

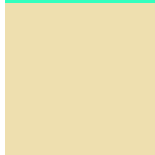
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



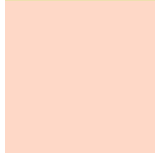
Original Color

87.1444, -57.4206, 19.5486



Protanopia

86.0509, -6.6593, 24.9631



Deuteranopia

86.2010, 5.9816, 16.0570



Tritanopia

86.8216, -27.4756, -11.5891

Trichromacy



Original Color

87.1444, -57.4206, 19.5486



Protanomaly

84.4145, -32.4304, 21.1198



Deuteranomaly

83.8346, -25.1699, 14.2833



Tritanomaly

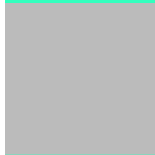
86.2493, -40.1998, 0.4723

Monochromacy



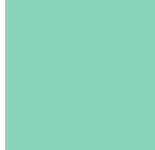
Original Color

87.1444, -57.4206, 19.5486



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 87.1444, -57.4206, 19.5486 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 87.1444, -57.4206, 19.5486 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, 190) }
```


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

```
.border{ border-color:rgb(51, 255, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 190);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.1444, -57.4206, 19.5486 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, 190) }
```

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

```
.background{ background-color: rgb(51, 255,  
190) }
```

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