

Converting Colors

HunterLab(87.9742, -53.5377,
16.4567)

Have a look what the booklet for
HunterLab(87.9742, -53.5377,
16.4567) contains.

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Color

**HunterLab(87.9748,
-53.5338, 16.4458)**

Conversions

Conversions Part 1

Format	Color
Hex	50FFC8
RGB	80, 255, 200
RGB Percent	31%, 100%, 78%
CMY	0.6862, 0.0000, 0.2157
CMYK	0.69, 0.00, 0.22, 0.00
HSL	161°, 100%, 66%
HSV	161°, 69%, 100%
XYZ	49.4936, 77.3957, 66.9739
YIQ	196.4050, -86.6450, -54.2050

Conversions

Conversions Part 2

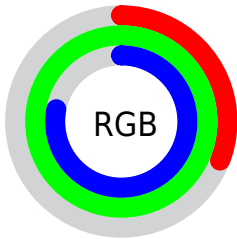
Format	Color
RYB	80, 184, 255
Decimal	5308360
CIELab	90.50, -56.80, 13.54
CIElCh	91, 58.395, 166.597
Yxy	77.3960, 0.2553, 0.3992
Android (android.graphics.Color)	4283498440 (0xFF50FFC8)
YUV	196.4050, 1.7723, -102.0872
Hunter-Lab	87.9748, -53.5338, 16.4458

Details

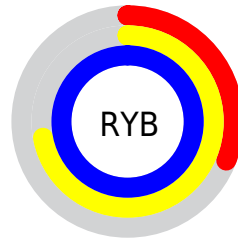
The HunterLab color **87.9748, -53.5338, 16.4458** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted cyan. A complement of this color would be **53.6169, 67.5777, 8.8728**, and the grayscale version is **74.4895, -3.9746, 4.0472**.

A 20% lighter version of the original color is **92.2149, -33.5762, -4.5939**, and **64.8134, -44.1464, 14.2883** is the 20% darker color. If you saturate the color by 10%, you get **87.2488, -56.8942, 18.8824**, and if you desaturate by 10%, it is **88.9432, -49.2196, 14.1583**.

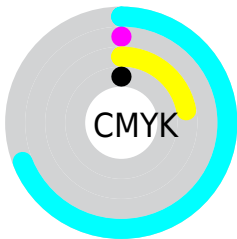
Distribution



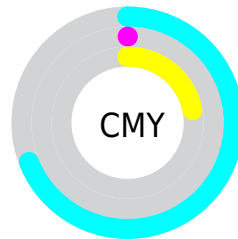
- Red (31%)
- Green (100%)
- Blue (78%)



- Red (31%)
- Yellow (72%)
- Blue (100%)



- Cyan (69%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (69%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.9748, -53.5338, 16.4458 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 87.9748, -53.5338, 16.4458 by changing the saturation by 10% instead.


 87.9748, -53.5338,
16.4458

 87.9748, -53.5338,
16.4458


220.4797,
-82.1024, 28.3886


 75.8801, -49.9201,
15.1394


 113.8852,
-60.3963, 19.0552


 64.3968, -46.1530,
13.8280


 127.6524,
-63.6842, 20.3651

 53.5594, -42.1955,
12.5050


 141.9336,
-66.8948, 21.6809

 43.4091, -37.9985,
11.1619

 156.7110,
-70.0386, 23.0040

 33.9959, -33.4921,
9.7863

171.9683,
-73.1245, 24.3355

 25.3830, -28.5726,
8.3586

187.6909,

 17.6529, -23.0991,

-76.1598, 25.6764

6.8458

203.8655,
-79.1507, 27.0272

■ 10.9212, -19.1121,
5.9088

■ 2.3611, -4.1319,
1.6528

■ 87.9748, -53.5338,
16.4458

■ 87.9748, -53.5338,
16.4458

■ 87.2488, -56.8942,
18.8824

■ 88.9432, -49.2196,
14.1583

■ 86.7415, -59.3681,
21.4242


■ 90.1694, -43.9301,
12.0617


■ 86.4150, -61.0906,
24.0121

■ 91.6640, -37.6733,
10.1883

■ 86.3768, -61.2989,
24.3632

■ 93.4320, -30.4854,
8.5644

 95.4747, -22.4237,
7.2087

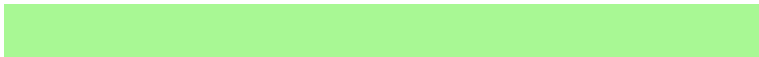
 97.7893, -13.5608,
6.1327

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.



87.9750, -42.3748, 34.4764



87.9748, -53.5338, 16.4458



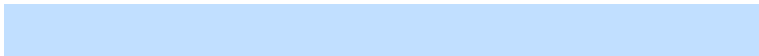
87.9750, -52.9005, -12.1366

Triad

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



87.9750, -53.5328, 16.4451



87.9750, 12.1691, -64.5695



87.9750, 37.9593, 35.7600

Complementary

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



87.9748, -53.5338, 16.4458



53.6169, 67.5777, 8.8728

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.



87.9750, 56.8113, 18.9023



87.9748, -53.5338, 16.4458



87.9750, 40.6262, -41.1697

Square

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



87.9750, -53.5328, 16.4451



87.9750, -17.5162, -65.9050



87.9750, 57.8473, -8.7193



87.9750, 8.8971, 42.8724

Rectangle

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



87.9748, -53.5338, 16.4458



87.9750, -45.9167, -34.0259



87.9750, 57.8473, -8.7193



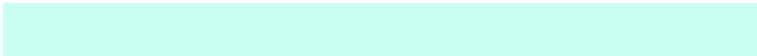
87.9750, 45.8593, 31.3545

Sweetspot

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



87.9750, -53.5328, 16.4451



94.9647, -24.4139, 7.5057



87.9120, -57.8716, 48.0385



43.6697, -12.3385, 3.6413

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.9750, -53.5328, 16.4451



87.0546, -57.8238, 19.7311



78.5221, -28.9241, -23.5572



45.1426, -6.6484, 2.8758



62.4606, -44.1717, 17.2837



19.5406, -13.4729, 4.6600

Inverse Universe

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



53.6169, 67.5777, 8.8728



49.3635, 76.7565, 13.4835



57.8336, 48.4596, 28.7033



42.5219, 2.1742, 2.0113



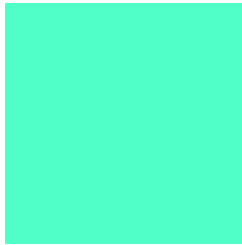
33.8174, 58.8814, 14.3479



10.6408, 18.6985, 3.1872

Previews

White Background



This preview shows how the HunterLab color 87.9748, -53.5338, 16.4458 looks on a white background.

Color Contrast Check

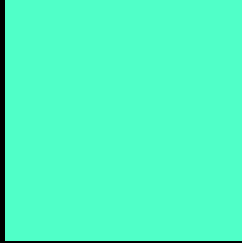
Large Text (above 18pt) WCAG AA × Fail

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 87.9748, -53.5338, 16.4458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

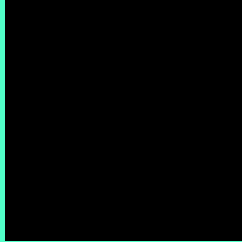
Any Text WCAG AA ✓ Pass

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 87.9748, -53.5338, 16.4458 Background



This preview shows how black text looks on a background with the HunterLab color 87.9748, -53.5338, 16.4458.



This preview shows how white text looks on a background with the HunterLab color 87.9748,

-53.5338, 16.4458.

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

87.9748, -53.5338, 16.4458

Protanopia

87.0080, -6.0331, 22.2313

Deuteranopia

87.0446, 6.2495, 13.0989



Tritanopia

87.4693, -25.0619, -10.6693

Trichromacy



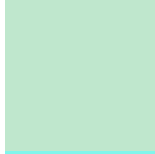
Original Color

87.9748, -53.5338, 16.4458



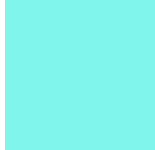
Protanomaly

85.7510, -28.6113, 18.6558



Deuteranomaly

85.2267, -21.2175, 11.9644



Tritanomaly

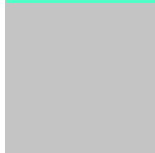
87.1161, -36.5831, -0.4521

Monochromacy



Original Color

87.9748, -53.5338, 16.4458



Achromatopsia

74.2975, -3.9643, 4.0367



Achromatomaly

77.7991, -25.5199, 7.2365

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.9748, -53.5338, 16.4458 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(80, 255, 200)` looks like.

```
.text, #text, p{  
    color:rgb(80, 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(80, 255, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 255, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 87.9748, -53.5338, 16.4458 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(80, 255, 200) }
```


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

```
.border{ border-color:rgb(80, 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(80, 255, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 255, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 255, 200);  
box-shadow:4px 4px 4px 4px rgb(80, 255,  
200) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.9748, -53.5338, 16.4458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 255, 200) }
```

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

```
.background{ background-color: rgb(80, 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](#).

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