

Converting Colors

HunterLab(84.8913, -54.4073,
11.1374)

Have a look what the booklet for
HunterLab(84.8913, -54.4073,
11.1374) contains.

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Color

**HunterLab(84.9465,
-54.3173, 11.0798)**

Conversions

Conversions Part 1

Format	Color
Hex	00F9CD
RGB	0, 249, 205
RGB Percent	0%, 98%, 80%
CMY	0.9998, 0.0235, 0.1961
CMYK	1.00, 0.00, 0.18, 0.02
HSL	169°, 100%, 49%
HSV	169°, 100%, 98%
XYZ	44.8951, 72.1591, 69.3194
YIQ	169.5330, -134.2800, -66.4720

Conversions

Conversions Part 2

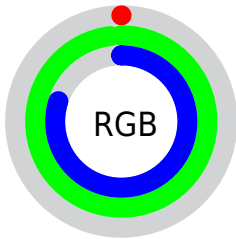
Format	Color
RYB	0, 137, 249
Decimal	63949
CIELab	88.05, -59.08, 7.34
CIELCh	88, 59.529, 172.921
Yxy	72.1619, 0.2409, 0.3872
Android (android.graphics.Color)	4278254029 (0xFF00F9CD)
YUV	169.5330, 17.4852, -148.6804
Hunter-Lab	84.9465, -54.3173, 11.0798

Details

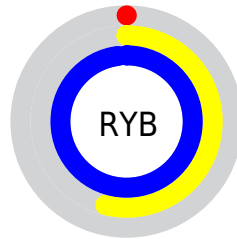
The HunterLab color **84.9465, -54.3173, 11.0798** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **45.0818, 77.6022, 25.9974**, and the grayscale version is **63.1855, -3.3714, 3.4330**.

A 20% lighter version of the original color is **90.8036, -38.9693, -6.5033**, and **62.8458, -41.1978, 10.3825** is the 20% darker color. If you saturate the color by 10%, you get **84.9477, -54.3200, 11.0840**, and if you desaturate by 10%, it is **85.1957, -53.0601, 9.4067**.

Distribution



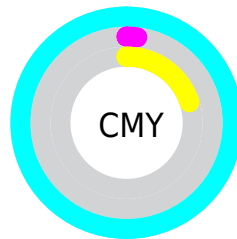
- Red (0%)
- Green (98%)
- Blue (80%)



- Red (0%)
- Yellow (54%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (2%)





- Cyan (100%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.9465, -54.3173, 11.0798 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 84.9465, -54.3173, 11.0798 by changing the saturation by 10% instead.


 84.9465, -54.3173,
11.0798


 84.9465, -54.3173,
11.0798


216.3573,
-83.9700, 20.7652


 73.0006, -50.5387,
10.0852


 110.5833,
-61.4753, 13.1166


 61.6726, -46.5882,
9.1030


 124.2213,
-64.8952, 14.1586


 50.9999, -42.4257,
8.1320


 138.3779,
-68.2298, 15.2172

 41.0257, -37.9953,
7.1689

 153.0349,
-71.4907, 16.2927

 31.8027, -33.2170,
6.2085

 168.1757,
-74.6878, 17.3852

 23.3980, -27.9714,
5.2419

183.7853,

 15.9009, -22.6989,

-77.8290, 18.4948

4.2533

199.8500,
-80.9211, 19.6215

■ 9.4382, -16.5169,
3.7358

0.0000, NaN, NaN

■ 84.9465, -54.3173,
11.0798

■ 84.9465, -54.3173,
11.0798

■ 84.9477, -54.3200,
11.0840

■ 85.1957, -53.0601,
9.4067

■ 85.5996, -51.1707,
7.8764

■ 86.2045, -48.4832,
6.5528

■ 87.0342, -44.9240,
5.4753

■ 88.1058, -40.4574,
4.6740

■ 89.4306, -35.0789,
4.1705

■ 91.0153, -28.8105,
3.9781

■ 92.8623, -21.6957,
4.1024

■ 94.9706, -13.7940,
4.5422

Harmonies

Analogous

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



84.9481, -45.6463, 31.3934



84.9465, -54.3173, 11.0798



84.9481, -51.1976, -19.5047

Triad

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



84.9481, -54.3177, 11.0807



84.9481, 18.9897, -62.5942



84.9481, 32.9077, 37.6660

Complementary

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



84.9465, -54.3173, 11.0798



45.0818, 77.6022, 25.9974

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.



84.9481, 55.0480, 23.2567



84.9465, -54.3173, 11.0798



84.9481, 46.2693, -35.3166

Square

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



84.9481, -54.3177, 11.0807



84.9481, -11.4949, -69.3542



84.9481, 60.2477, -2.3831



84.9481, 2.6519, 42.9191

Rectangle

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



84.9465, -54.3173, 11.0798



84.9481, -42.6114, -41.5885



84.9481, 60.2477, -2.3831



84.9481, 41.7073, 34.0334

Sweetspot

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



84.9481, -54.3177, 11.0807



93.5007, -29.6398, 4.0873



82.6604, -69.0972, 49.7243



42.9248, -15.0200, 1.9117

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.9481, -54.3177, 11.0807



87.2752, -55.8191, 11.4110



59.7097, -10.3052, -52.3831



44.2186, -6.2289, 2.1260



62.1647, -39.6483, 7.8888



18.9539, -11.8528, 1.8962

Inverse Universe

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



45.0818, 77.6022, 25.9974



46.3141, 79.7246, 26.7470



50.7108, 58.5883, 32.2718



41.5636, 1.8607, 2.6512



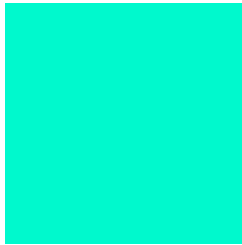
33.0035, 56.8581, 18.7004



10.1104, 17.5491, 4.7130

Previews

White Background



This preview shows how the HunterLab color 84.9465, -54.3173, 11.0798 looks on a white background.

Color Contrast Check

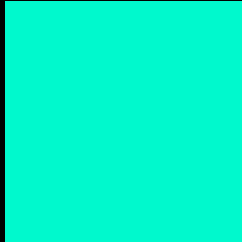
Large Text (above 18pt) WCAG AA × Fail

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 84.9465, -54.3173, 11.0798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

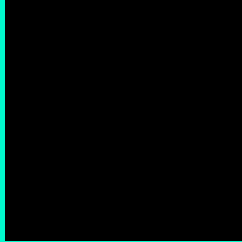
Any Text WCAG AA ✓ Pass

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 84.9465, -54.3173, 11.0798 Background



This preview shows how black text looks on a background with the HunterLab color 84.9465, -54.3173, 11.0798.



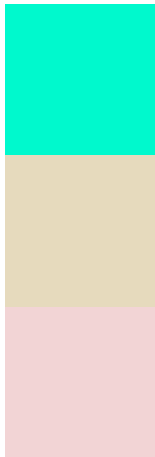
This preview shows how white text looks on a background with the HunterLab color 84.9465, -54.3173, 11.0798.

-54.3173, 11.0798.

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

84.9465, -54.3173, 11.0798

Protanopia

84.0476, -5.0228, 17.7393

Deuteranopia

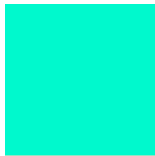
84.1239, 5.9221, 7.5731



Tritanopia

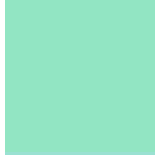
84.7430, -31.8042, -14.5303

Trichromacy



Original Color

84.9465, -54.3173, 11.0798



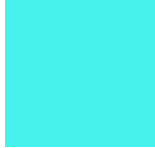
Protanomaly

81.2956, -33.0894, 11.8604



Deuteranomaly

80.8539, -26.9498, 4.6388



Tritanomaly

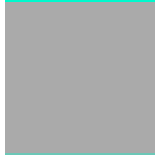
84.2367, -42.2327, -5.2260

Monochromacy



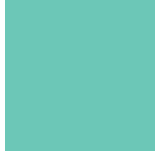
Original Color

84.9465, -54.3173, 11.0798



Achromatopsia

63.4017, -3.3830, 3.4447



Achromatomaly

68.8868, -29.4579, 3.3734

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.9465, -54.3173, 11.0798 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(0, 249, 205)` looks like.

```
.text, #text, p{  
    color:rgb(0, 249, 205)  
}
```

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(0, 249, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 249, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 84.9465, -54.3173, 11.0798 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(0, 249, 205) }
```


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

```
.border{ border-color:rgb(0, 249, 205) }
```

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

Here you see how a box with a 4 pixel rgb(0, 249, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 249, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 249, 205);  
box-shadow:4px 4px 4px 4px rgb(0, 249,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.9465, -54.3173, 11.0798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 249, 205) }
```

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

```
.background{ background-color: rgb(0, 249,  
205) }
```

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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