

Converting Colors

HunterLab(87.5563, -54.9365,
13.6218)

Have a look what the booklet for
HunterLab(87.5563, -54.9365,
13.6218) contains.

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Color

**HunterLab(87.5671,
-54.8557, 13.4617)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 33FFCE |
| RGB | 51, 255, 206 |
| RGB Percent | 20%, 100%, 81% |
| CMY | 0.8000, 0.0000, 0.1921 |
| CMYK | 0.80, 0.00, 0.19, 0.00 |
| HSL | 166°, 100%, 60% |
| HSV | 166°, 80%, 100% |
| XYZ | 48.2658, 76.6800, 70.6493 |
| YIQ | 188.4180, -105.8550, -58.4870 |

Conversions

Conversions Part 2

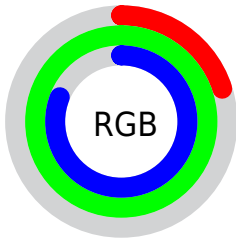
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 51, 167, 255 |
| Decimal | 3407822 |
| CIELab | 90.17, -58.74, 9.91 |
| CIELCh | 90, 59.570, 170.422 |
| Yxy | 76.6804, 0.2468, 0.3920 |
| Android (android.graphics.Color) | 4281597902 (0xFF33FFCE) |
| YUV | 188.4180, 8.6679, -120.5156 |
| Hunter-Lab | 87.5671, -54.8557, 13.4617 |

Details

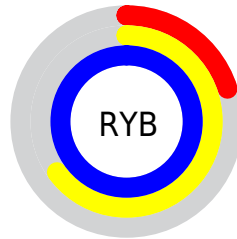
The HunterLab color **87.5671, -54.8557, 13.4617** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **49.5469, 74.4215, 17.4031**, and the grayscale version is **71.0888, -3.7931, 3.8624**.

A 20% lighter version of the original color is **91.4141, -36.6253, -5.6737**, and **64.9611, -43.2457, 12.1592** is the 20% darker color. If you saturate the color by 10%, you get **87.1192, -57.0108, 15.5474**, and if you desaturate by 10%, it is **88.2255, -51.8556, 11.5410**.

Distribution



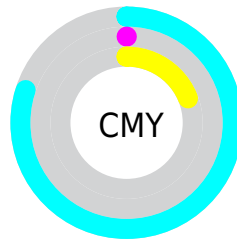
- Red (20%)
- Green (100%)
- Blue (81%)



- Red (20%)
- Yellow (65%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.5671, -54.8557, 13.4617 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 87.5671, -54.8557, 13.4617 by changing the saturation by 10% instead.


 87.5671, -54.8557,
13.4617


 87.5671, -54.8557,
13.4617


219.9258,
-84.2292, 24.0910


 75.4921, -51.1271,
12.3369


 113.4409,
-61.9276, 15.7361


 64.0295, -47.2366,
11.2185


 127.1908,
-65.3120, 16.8900

 53.2140, -43.1453,
10.1024


 141.4554,
-68.6144, 18.0562

 43.0871, -38.8016,
8.9833

 156.2167,
-71.8461, 19.2354

 33.6992, -34.1320,
7.8534

171.4585,
-75.0163, 20.4282

 25.1139, -29.0279,
6.7001

187.1660,

 17.4146, -23.4147,

-78.1327, 21.6349

5.5012

203.3259,
-81.2018, 22.8557

■ 10.7183, -18.7570,
4.5520

■ 1.3892, -2.4311,
0.9724

■ 87.5671, -54.8557,
13.4617

■ 87.5671, -54.8557,
13.4617

■ 87.1192, -57.0108,
15.5474

■ 88.2255, -51.8556,
11.5410

■ 86.8355, -58.4936,
17.7346

■ 89.1182, -47.9401,
9.8309

■ 86.8353, -58.4942,
17.7356

■ 90.2628, -43.0745,
8.3666

■ 91.6705, -37.2585,
7.1758

■ 93.3479, -30.5193,
6.2785

■ 95.2970, -22.9063,
5.6869

■ 97.5163, -14.4849,
5.4057

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.



87.5674, -45.0562, 33.1420



87.5671, -54.8557, 13.4617



87.5674, -52.6830, -16.7595

Triad

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



87.5674, -54.8547, 13.4611



87.5674, 16.4994, -64.3284



87.5674, 35.4360, 37.5261

Complementary

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



87.5671, -54.8557, 13.4617



49.5469, 74.4215, 17.4031

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.



87.5674, 56.5932, 21.9194



87.5671, -54.8557, 13.4617



87.5674, 44.6743, -38.1892

Square

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



87.5674, -54.8547, 13.4611



87.5674, -14.1227, -68.9814



87.5674, 60.1855, -4.9225



87.5674, 5.1867, 43.5910

Rectangle

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



87.5671, -54.8557, 13.4617



87.5674, -44.6111, -39.0995



87.5674, 60.1855, -4.9225



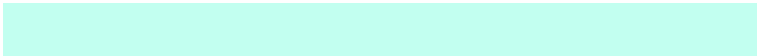
87.5674, 44.0102, 33.5314

Sweetspot

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



87.5674, -54.8547, 13.4611



94.4839, -26.0559, 5.8866



86.3623, -64.6595, 49.9330



43.3948, -13.2991, 2.8250

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.5674, -54.8547, 13.4611



86.9370, -57.9504, 16.8581



71.4921, -22.7198, -34.8050



45.1691, -6.5011, 2.4982



62.7891, -42.1634, 12.5378



19.6359, -12.8920, 3.2869

Inverse Universe

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



49.5469, 74.4215, 17.4031



46.8093, 79.8646, 23.1102



55.6808, 51.9155, 31.8827



42.4954, 2.0318, 2.3892



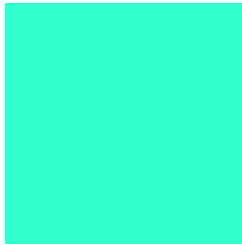
33.6238, 58.1669, 17.1906



10.5689, 18.4344, 4.2339

Previews

White Background



This preview shows how the HunterLab color 87.5671, -54.8557, 13.4617 looks on a white background.

Color Contrast Check

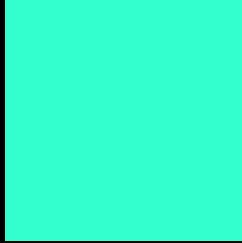
Large Text (above 18pt) WCAG AA × Fail

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 87.5671, -54.8557, 13.4617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

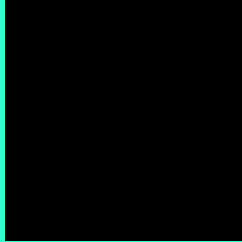
Any Text WCAG AA ✓ Pass

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 87.5671, -54.8557, 13.4617 Background



This preview shows how black text looks on a background with the HunterLab color 87.5671, -54.8557, 13.4617.



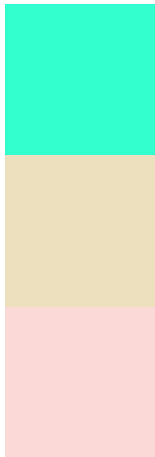
This preview shows how white text looks on a background with the HunterLab color 87.5671, -54.8557, 13.4617.

-54.8557, 13.4617.

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

87.5671, -54.8557, 13.4617

Protanopia

86.6219, -5.5377, 19.9350

Deuteranopia

86.4897, 6.2675, 9.7930



Tritanopia

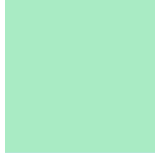
87.0306, -26.6945, -11.2915

Trichromacy



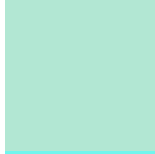
Original Color

87.5671, -54.8557, 13.4617



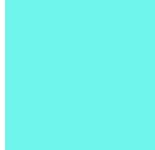
Protanomaly

84.7568, -30.3148, 15.1634



Deuteranomaly

84.4511, -23.7313, 8.3562



Tritanomaly

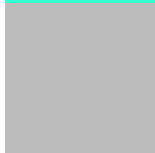
86.5240, -38.7341, -2.2647

Monochromacy



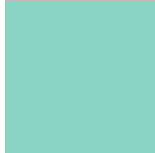
Original Color

87.5671, -54.8557, 13.4617



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

75.1202, -27.2047, 5.0627

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.5671, -54.8557, 13.4617 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 87.5671, -54.8557, 13.4617 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, 206) }
```


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

```
.border{ border-color:rgb(51, 255, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.5671, -54.8557, 13.4617 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, 206) }
```

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

```
.background{ background-color: rgb(51, 255,  
206) }
```

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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