

Converting Colors

HunterLab(87.3363, -56.2549,
16.7826)

Have a look what the booklet for
HunterLab(87.3363, -56.2549,
16.7826) contains.

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Color

**HunterLab(87.3241,
-56.3286, 16.9574)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 33FFC5 |
| RGB | 51, 255, 197 |
| RGB Percent | 20%, 100%, 77% |
| CMY | 0.8000, 0.0000, 0.2274 |
| CMYK | 0.80, 0.00, 0.23, 0.00 |
| HSL | 163°, 100%, 60% |
| HSV | 163°, 80%, 100% |
| XYZ | 47.2032, 76.2550, 65.0541 |
| YIQ | 187.3920, -102.9660, -61.2860 |

Conversions

Conversions Part 2

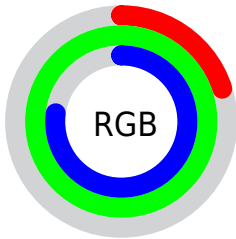
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 51, 170, 255 |
| Decimal | 3407813 |
| CIELab | 89.98, -60.84, 14.27 |
| CIELCh | 90, 62.493, 166.800 |
| Yxy | 76.2554, 0.2504, 0.4045 |
| Android (android.graphics.Color) | 4281597893 (0xFF33FFC5) |
| YUV | 187.3920, 4.7367, -119.6158 |
| Hunter-Lab | 87.3241, -56.3286, 16.9574 |

Details

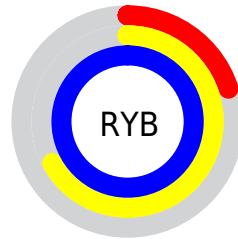
The HunterLab color **87.3241, -56.3286, 16.9574** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **49.7321, 75.1483, 14.7092**, and the grayscale version is **70.6716, -3.7709, 3.8397**.

A 20% lighter version of the original color is **91.3789, -36.8301, -5.1763**, and **64.7423, -44.5810, 15.3153** is the 20% darker color. If you saturate the color by 10%, you get **86.8563, -58.6122, 19.3371**, and if you desaturate by 10%, it is **88.0052, -53.1819, 14.7036**.

Distribution



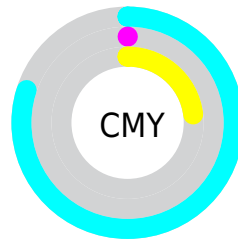
- Red (20%)
- Green (100%)
- Blue (77%)



- Red (20%)
- Yellow (67%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.3241, -56.3286, 16.9574 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 87.3241, -56.3286, 16.9574 by changing the saturation by 10% instead.


 87.3241, -56.3286,
16.9574


 87.3241, -56.3286,
16.9574


219.5954,
-86.5715, 29.1666


 75.2608, -52.4767,
15.6134


 113.1759,
-63.6260, 19.6357


 63.8105, -48.4539,
14.2616


 126.9156,
-67.1144, 20.9774

 53.0082, -44.2196,
12.8948


 141.1702,
-70.5160, 22.3236

 42.8953, -39.7197,
11.5038

 155.9219,
-73.8426, 23.6758

 33.5225, -34.8773,
10.0747

171.1543,
-77.1040, 25.0353

 24.9537, -29.5791,
8.5860

186.8529,

 17.2729, -23.8527,

-80.3082, 26.4031

7.0013

203.0040,
-83.4621, 27.7800

■ 10.5978, -18.5462,
6.2713

0.0000, NaN, NaN

■ 87.3241, -56.3286,
16.9574

■ 87.3241, -56.3286,
16.9574

■ 86.8563, -58.6122,
19.3371

■ 88.0052, -53.1819,
14.7036

■ 86.5553, -60.2051,
21.7792

■ 88.9234, -49.1031,
12.6234

■ 86.5552, -60.2056,
21.7801

■ 90.0959, -44.0603,
10.7548

■ 91.5338, -38.0563,
9.1295

■ 93.2432, -31.1213,
7.7716

■ 95.2260, -23.3082,
6.6978

■ 97.4802, -14.6854,
5.9174

■ 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.



87.3243, -44.7154, 35.8019



87.3241, -56.3286, 16.9574



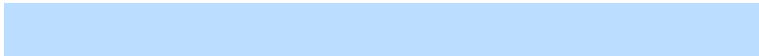
87.3243, -55.5829, -13.6720

Triad

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



87.3243, -56.3276, 16.9568



87.3243, 13.6146, -70.7285



87.3243, 40.9792, 37.2794

Complementary

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



87.3241, -56.3286, 16.9574



49.7321, 75.1483, 14.7092

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.



87.3243, 61.5017, 19.8733



87.3241, -56.3286, 16.9574



87.3243, 44.2280, -44.8358

Square

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



87.3243, -56.3276, 16.9568



87.3243, -18.1196, -72.3927



87.3243, 62.7688, -9.5132



87.3243, 9.6589, 44.3970

Rectangle

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



87.3241, -56.3286, 16.9574



87.3243, -48.2135, -37.4788



87.3243, 62.7688, -9.5132



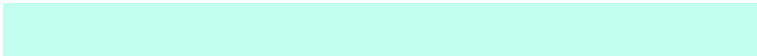
87.3243, 49.5523, 32.7881

Sweetspot

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



87.3243, -56.3276, 16.9568



94.3994, -26.5377, 7.0929



86.7280, -63.1369, 50.1942



43.3502, -13.5549, 3.4623

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.3243, -56.3276, 16.9568



86.6634, -59.6198, 20.8051



74.9129, -27.4153, -29.1964



45.1533, -6.5890, 2.7234



62.5886, -43.3881, 15.4323



19.5780, -13.2449, 4.1212

Inverse Universe

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



49.7321, 75.1483, 14.7092



46.9656, 80.4453, 20.8160



53.9631, 56.5608, 30.7996



42.5112, 2.1164, 2.1645



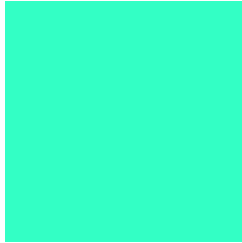
33.7323, 58.5677, 15.5951



10.6099, 18.5853, 3.6352

Previews

White Background



This preview shows how the HunterLab color 87.3241, -56.3286, 16.9574 looks on a white background.

Color Contrast Check

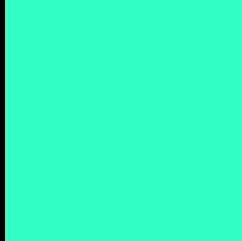
Large Text (above 18pt) WCAG AA × Fail

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 87.3241, -56.3286, 16.9574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

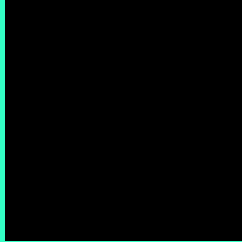
Any Text WCAG AA ✓ Pass

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 87.3241, -56.3286, 16.9574 Background



This preview shows how black text looks on a background with the HunterLab color 87.3241, -56.3286, 16.9574.



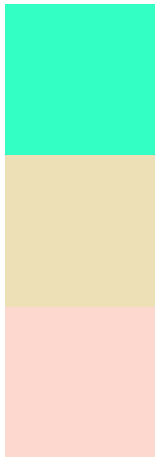
This preview shows how white text looks on a background with the HunterLab color 87.3241, -56.3286, 16.9574.

-56.3286, 16.9574.

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

87.3241, -56.3286, 16.9574

Protanopia

86.5251, -6.2691, 22.8808

Deuteranopia

86.2848, 6.6482, 13.1606



Tritanopia

86.8732, -27.2825, -11.5156

Trichromacy



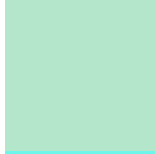
Original Color

87.3241, -56.3286, 16.9574



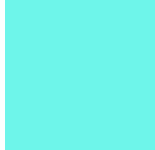
Protanomaly

84.5876, -31.4258, 18.6190



Deuteranomaly

84.0290, -24.0585, 11.4913



Tritanomaly

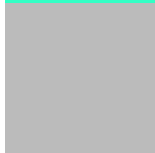
86.3483, -39.6165, -0.9353

Monochromacy



Original Color

87.3241, -56.3286, 16.9574



Achromatopsia

70.4935, -3.7614, 3.8300



Achromatomaly

75.0012, -27.8935, 6.7622

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.3241, -56.3286, 16.9574 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 87.3241, -56.3286, 16.9574 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, 197) }
```


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

```
.border{ border-color:rgb(51, 255, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(51, 255, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(51, 255, 197); box-shadow:4px 4px 4px 4px rgb(51, 255, 197) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.3241, -56.3286, 16.9574 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, 197) }
```

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

```
.background{ background-color: rgb(51, 255,  
197) }
```

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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