

Converting Colors

HunterLab(87.7753, -54.1322,
29.0939)

Have a look what the booklet for
HunterLab(87.7753, -54.1322,
29.0939) contains.

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Color

**HunterLab(87.7753,
-54.1322, 29.0939)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 70FEA5 |
| RGB | 112, 254, 165 |
| RGB Percent | 44%, 100%, 65% |
| CMY | 0.5608, 0.0039, 0.3529 |
| CMYK | 0.56, 0.00, 0.35, 0.00 |
| HSL | 142°, 99%, 72% |
| HSV | 142°, 56%, 100% |
| XYZ | 48.9155, 77.0450, 47.8905 |
| YIQ | 201.3960, -56.0630, -57.7830 |

Conversions

Conversions Part 2

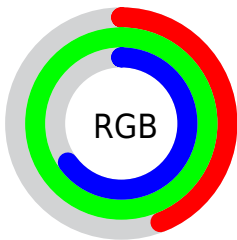
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 112, 215, 254 |
| Decimal | 7405221 |
| CIELab | 90.34, -57.69, 31.25 |
| CIELCh | 90, 65.606, 151.554 |
| Yxy | 77.0482, 0.2814, 0.4432 |
| Android (android.graphics.Color) | 4285595301 (0xFF70FEA5) |
| YUV | 201.3960, -17.9432, -78.4003 |
| Hunter-Lab | 87.7753, -54.1322, 29.0939 |

Details

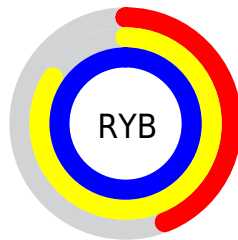
The HunterLab color **87.7753, -54.1322, 29.0939** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **60.7271, 61.8962, -15.4498**, and the grayscale version is **76.6869, -4.0918, 4.1665**.

A 20% lighter version of the original color is **92.5336, -34.5316, 12.5834**, and **64.1258, -46.5857, 24.5252** is the 20% darker color. If you saturate the color by 10%, you get **86.6408, -59.3887, 32.8664**, and if you desaturate by 10%, it is **89.2032, -47.7316, 25.1021**.

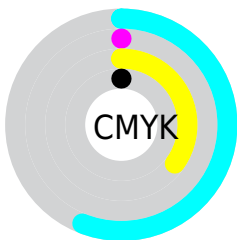
Distribution



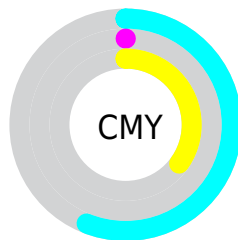
- Red (44%)
- Green (100%)
- Blue (65%)



- Red (44%)
- Yellow (84%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)





- Cyan (56%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.7753, -54.1322, 29.0939 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 87.7753, -54.1322, 29.0939 by changing the saturation by 10% instead.


 87.7753, -54.1322,
29.0939


 87.7753, -54.1322,
29.0939


220.2109,
-83.0691, 47.8344


 75.6918, -50.4683,
26.8357


 113.6695,
-61.0921, 33.4551

 64.2184, -46.6450,
24.5066


 127.4283,
-64.4239, 35.5760

 53.3917, -42.6266,
22.0888


 141.7015,
-67.6763, 37.6670

 43.2527, -38.3627,
19.5569

156.4710,
-70.8601, 39.7335

 33.8518, -33.7819,
16.8759

171.7208,
-73.9843, 41.7800

 25.2523, -28.7782,
13.9964

187.4361,

 17.5371, -23.2349,

-77.0565, 43.8104

11.3719

203.6036,
-80.0830, 45.8276

■ 10.8226, -18.9395,
7.5758

■ 1.9509, -3.4140,
1.3656

■ 87.7753, -54.1322,
29.0939

■ 87.7753, -54.1322,
29.0939

■ 86.6408, -59.3887,
32.8664

■ 89.2032, -47.7316,
25.1021

■ 85.7806, -63.4987,
36.3676

■ 90.9265, -40.2203,
20.9416

■ 85.1752, -66.5097,
39.5530

■ 92.9494, -31.6657,
16.6665

■ 84.7936, -68.5246,
42.3829

■ 95.2694, -22.1556,
12.3277

■ 84.6813, -69.1460,
43.4222

■ 97.8808, -11.7909,
7.9721

99.6828, -4.8078,
5.0685

Harmonies

Analogous

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



87.7771, -35.7065, 42.4140



87.7753, -54.1322, 29.0939



87.7771, -59.8996, 3.1125

Triad

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



87.7771, -54.1333, 29.0946



87.7771, -2.9477, -80.3706



87.7771, 56.7178, 31.0210

Complementary

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



87.7753, -54.1322, 29.0939



60.7271, 61.8962, -15.4498

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.



87.7771, 68.8139, 6.4114



87.7753, -54.1322, 29.0939



87.7771, 31.3424, -64.4684

Square

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



87.7771, -54.1333, 29.0946



87.7771, -33.1176, -67.2979



87.7771, 58.9079, -29.4156



87.7771, 27.8942, 43.1998

Rectangle

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



87.7753, -54.1322, 29.0939



87.7771, -56.5954, -20.6351



87.7771, 58.9079, -29.4156



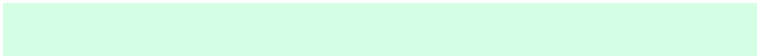
87.7771, 63.0527, 24.3159

Sweetspot

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



87.7771, -54.1333, 29.0946



95.4238, -23.3471, 12.8628



91.9806, -39.2729, 46.1089



43.9228, -11.7140, 6.3571

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.7771, -54.1333, 29.0946



86.9179, -60.1673, 33.4170



89.6291, -43.0715, 2.4470



45.0337, -7.2564, 4.4332



61.5066, -50.0728, 31.2150



19.2451, -15.2952, 8.9632

Inverse Universe

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



60.7271, 61.8962, -15.4498



56.0319, 73.4981, -16.4850



58.5641, 52.2313, 15.2855



42.6364, 2.7887, 0.3809



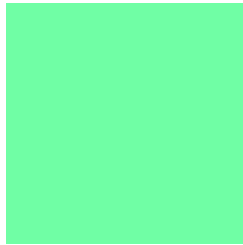
35.3011, 64.2865, -6.8963



11.1109, 20.4039, -3.4877

Previews

White Background



This preview shows how the HunterLab color 87.7753, -54.1322, 29.0939 looks on a white background.

Color Contrast Check

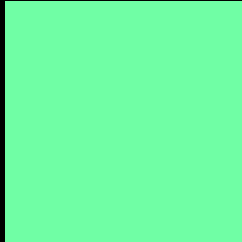
Large Text (above 18pt) WCAG AA × Fail

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 87.7753, -54.1322, 29.0939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

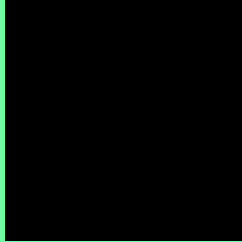
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

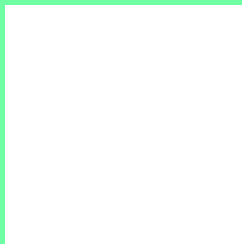
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 87.7753, -54.1322, 29.0939 Background



This preview shows how black text looks on a background with the HunterLab color 87.7753, -54.1322, 29.0939.



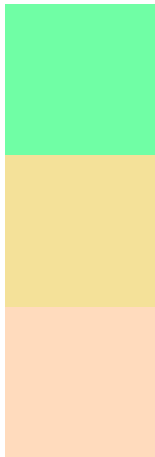
This preview shows how white text looks on a background with the HunterLab color 87.7753,

-54.1322, 29.0939.

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

87.7753, -54.1322, 29.0939

Protanopia

86.8236, -8.0634, 32.7792

Deuteranopia

86.9466, 3.3709, 20.8050



Tritanopia

87.4815, -23.2916, -10.6219

Trichromacy



Original Color

87.7753, -54.1322, 29.0939



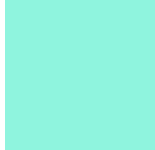
Protanomaly

86.1168, -28.7299, 30.6003



Deuteranomaly

85.8516, -21.9069, 22.6973



Tritanomaly

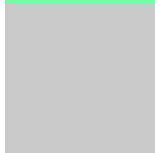
87.0718, -35.8042, 5.9690

Monochromacy



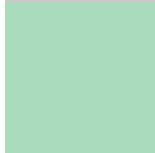
Original Color

87.7753, -54.1322, 29.0939



Achromatopsia

76.4250, -4.0778, 4.1523



Achromatomaly

79.5313, -24.6425, 13.1071

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7753, -54.1322, 29.0939 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(112, 254, 165)` looks like.

```
.text, #text, p{  
    color:rgb(112, 254, 165)  
}
```

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(112, 254, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 254, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7753, -54.1322, 29.0939 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(112, 254, 165) }
```


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

```
.border{ border-color:rgb(112, 254, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 254, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 254, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 254, 165);  
box-shadow:4px 4px 4px 4px rgb(112, 254,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7753, -54.1322, 29.0939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 254, 165) }
```

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

```
.background{ background-color: rgb(112,  
254, 165) }
```

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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