

Converting Colors

HunterLab(85.7255, -54.5918,
23.9172)

Have a look what the booklet for
HunterLab(85.7255, -54.5918,
23.9172) contains.

| | |
|--|----|
| HunterLab(85.7278, -54.5479, 23.8203) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**HunterLab(85.7278,
-54.5479, 23.8203)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 57FAAF |
| RGB | 87, 250, 175 |
| RGB Percent | 34%, 98%, 69% |
| CMY | 0.6588, 0.0196, 0.3137 |
| CMYK | 0.65, 0.00, 0.30, 0.02 |
| HSL | 152°, 94%, 66% |
| HSV | 152°, 65%, 98% |
| XYZ | 45.8539, 73.4926, 52.3261 |
| YIQ | 192.7130, -73.0730, -57.8810 |

Conversions

Conversions Part 2

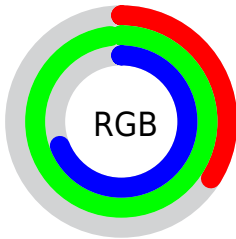
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 87, 193, 250 |
| Decimal | 5765807 |
| CIELab | 88.68, -59.07, 23.83 |
| CIELCh | 89, 63.695, 158.029 |
| Yxy | 73.4955, 0.2671, 0.4281 |
| Android (android.graphics.Color) | 4283955887 (0xFF57FAAF) |
| YUV | 192.7130, -8.7325, -92.7103 |
| Hunter-Lab | 85.7278, -54.5479, 23.8203 |

Details

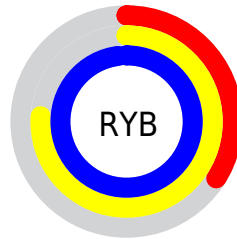
The HunterLab color **85.7278, -54.5479, 23.8203** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **54.5442, 66.0706, -2.3931**, and the grayscale version is **72.9640, -3.8932, 3.9643**.

A 20% lighter version of the original color is **91.6324, -37.3741, 6.8919**, and **62.5335, -45.6006, 20.2772** is the 20% darker color. If you saturate the color by 10%, you get **84.8884, -58.4946, 26.9184**, and if you desaturate by 10%, it is **86.8249, -49.5896, 20.7178**.

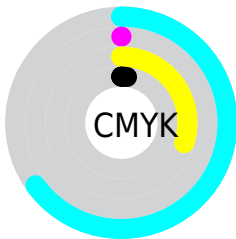
Distribution



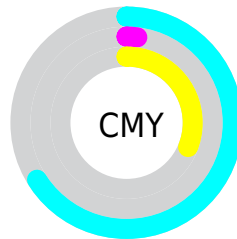
- Red (34%)
- Green (98%)
- Blue (69%)



- Red (34%)
- Yellow (76%)
- Blue (98%)



- Cyan (65%)
- Magenta (0%)
- Yellow (30%)
- Black (2%)





- Cyan (66%)
- Magenta (2%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.7278, -54.5479, 23.8203 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 85.7278, -54.5479, 23.8203 by changing the saturation by 10% instead.


 85.7278, -54.5479,
23.8203


 85.7278, -54.5479,
23.8203


217.4236,
-84.1556, 39.6576


 73.7436, -50.7799,
21.9670


 111.4363,
-61.6907, 27.4358


 62.3751, -46.8418,
20.0689


 125.1079,
-65.1044, 29.2106

 51.6595, -42.6947,
18.1125


 139.2969,
-68.4337, 30.9703

 41.6393, -38.2839,
16.0784

 153.9852,
-71.6900, 32.7190

 32.3666, -33.5314,
13.9384

169.1563,
-74.8830, 34.4598

 23.9075, -28.3207,
11.6501

184.7953,

 16.3492, -22.8906,

-78.0206, 36.1951

9.3191

200.8885,
-81.1096, 37.9271

■ 9.8157, -17.1776,
6.8710

0.0000, NaN, NaN

■ 85.7278, -54.5479,
23.8203

■ 85.7278, -54.5479,
23.8203

■ 84.8884, -58.4946,
26.9184

■ 86.8249, -49.5896,
20.7178

■ 84.2817, -61.4702,
29.9621


■ 88.1875, -43.6132,
17.6540


■ 83.8809, -63.5678,
32.9022


■ 89.8246, -36.6482,
14.6717

■ 83.7390, -64.3524,
34.2518

■ 91.7391, -28.7488,
11.8080

 93.9295, -19.9882,
9.0945

 96.3912, -10.4515,
6.5563

 98.4143, -2.6804,
3.5988

Harmonies

Analogous

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



85.7295, -39.3209, 39.1791



85.7278, -54.5479, 23.8203



85.7295, -57.4417, -3.9279

Triad

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



85.7295, -54.5488, 23.8211



85.7295, 4.1954, -75.9880



85.7295, 49.5335, 33.4845

Complementary

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



85.7278, -54.5479, 23.8203



54.5442, 66.0706, -2.3931

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.



85.7295, 65.3341, 12.4540



85.7278, -54.5479, 23.8203



85.7295, 36.7630, -55.5056

Square

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



85.7295, -54.5488, 23.8211



85.7295, -26.4277, -69.3947



85.7295, 60.3464, -20.2767



85.7295, 19.7040, 43.1611

Rectangle

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



85.7278, -54.5479, 23.8203



85.7295, -52.4555, -27.6865



85.7295, 60.3464, -20.2767



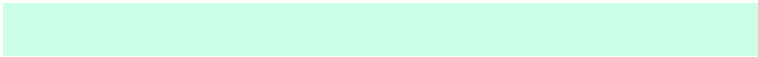
85.7295, 56.8471, 27.8870

Sweetspot

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



85.7295, -54.5488, 23.8211



94.9511, -24.8679, 10.6187



87.6676, -49.5239, 47.0546



43.6416, -12.6583, 5.2767

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.7295, -54.5488, 23.8211



86.6171, -60.8011, 28.4358



86.0083, -39.0467, -10.0348



44.1203, -6.7768, 3.5296



61.0107, -46.7181, 24.5929



18.6250, -13.8619, 6.6443

Inverse Universe

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



54.5442, 66.0706, -2.3931



51.2095, 77.6064, 0.6579



53.6127, 56.0404, 24.0444



41.6630, 2.3954, 1.2328



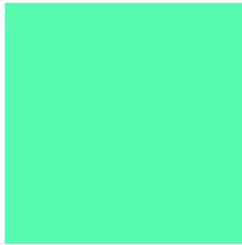
33.8612, 60.0121, 6.1922



10.4071, 18.6354, 0.4227

Previews

White Background



This preview shows how the HunterLab color 85.7278, -54.5479, 23.8203 looks on a white background.

Color Contrast Check

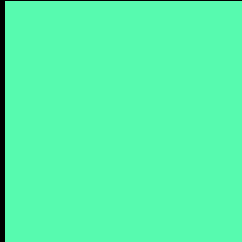
Large Text (above 18pt) WCAG AA × Fail

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 85.7278, -54.5479, 23.8203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

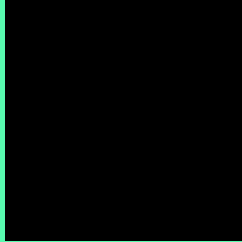
Any Text WCAG AA ✓ Pass

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 85.7278, -54.5479, 23.8203 Background



This preview shows how black text looks on a background with the HunterLab color 85.7278, -54.5479, 23.8203.



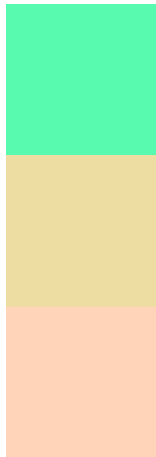
This preview shows how white text looks on a background with the HunterLab color 85.7278, -54.5479, 23.8203.

-54.5479, 23.8203.

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

85.7278, -54.5479, 23.8203

Protanopia

85.0447, -7.5661, 28.4410

Deuteranopia

84.7394, 6.3943, 20.5995



Tritanopia

85.3082, -27.9147, -13.6754

Trichromacy



Original Color

85.7278, -54.5479, 23.8203



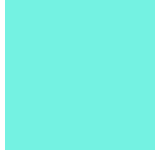
Protanomaly

83.9335, -29.6543, 25.3751



Deuteranomaly

83.1855, -21.5792, 19.7223



Tritanomaly

85.2691, -38.9379, 1.8309

Monochromacy



Original Color

85.7278, -54.5479, 23.8203



Achromatopsia

73.0258, -3.8965, 3.9676



Achromatomaly

76.4907, -25.9619, 10.6707

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.7278, -54.5479, 23.8203 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(87, 250, 175)` looks like.

```
.text, #text, p{  
    color:rgb(87, 250, 175)  
}
```

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(87, 250, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 250, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 85.7278, -54.5479, 23.8203 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(87, 250, 175) }
```


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

```
.border{ border-color:rgb(87, 250, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 250, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 250, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 250, 175);  
box-shadow:4px 4px 4px 4px rgb(87, 250,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.7278, -54.5479, 23.8203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 250, 175) }
```

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

```
.background{ background-color: rgb(87, 250,  
175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor