

Converting Colors

HunterLab(86.9164, -58.8098,
22.8445)

Have a look what the booklet for
HunterLab(86.9164, -58.8098,
22.8445) contains.

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Color

**HunterLab(86.9253,
-58.7559, 22.7165)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFB5
RGB	51, 255, 181
RGB Percent	20%, 100%, 71%
CMY	0.8000, 0.0000, 0.2902
CMYK	0.80, 0.00, 0.29, 0.00
HSL	158°, 100%, 60%
HSV	158°, 80%, 100%
XYZ	45.4658, 75.5601, 55.9043
YIQ	185.5680, -97.8300, -66.2620

Conversions

Conversions Part 2

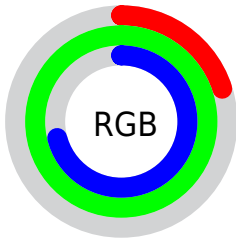
Format	Color
RYB	51, 176, 255
Decimal	3407797
CIELab	89.65, -64.37, 22.01
CIELCh	90, 68.029, 161.120
Yxy	75.5603, 0.2570, 0.4271
Android (android.graphics.Color)	4281597877 (0xFF33FFB5)
YUV	185.5680, -2.2520, -118.0161
Hunter-Lab	86.9253, -58.7559, 22.7165

Details

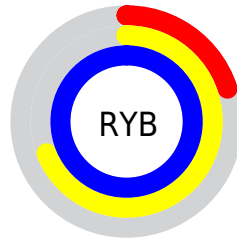
The HunterLab color **86.9253, -58.7559, 22.7165** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **50.1091, 76.6213, 9.2591**, and the grayscale version is **69.9312, -3.7314, 3.7995**.

A 20% lighter version of the original color is **90.7636, -40.3418, 2.8841**, and **64.4135, -46.5968, 20.0779** is the 20% darker color. If you saturate the color by 10%, you get **86.4305, -61.2166, 25.4980**, and if you desaturate by 10%, it is **87.6391, -55.3942, 19.9781**.

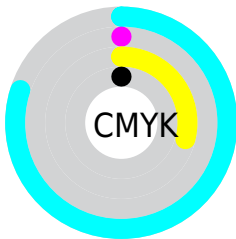
Distribution



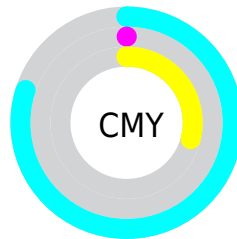
- Red (20%)
- Green (100%)
- Blue (71%)



- Red (20%)
- Yellow (69%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.9253, -58.7559, 22.7165 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 86.9253, -58.7559, 22.7165 by changing the saturation by 10% instead.


 86.9253, -58.7559,
22.7165


 86.9253, -58.7559,
22.7165


219.0528,
-90.4682, 37.8403

 74.8813, -54.6952,
20.9641


 112.7409,
-66.4348, 26.1445


 63.4513, -50.4484,
19.1763


 126.4637,
-70.0990, 27.8338

 52.6705, -45.9720,
17.3400


 140.7020,
-73.6684, 29.5122

 42.5807, -41.2075,
15.4381

 155.4379,
-77.1555, 31.1833

 33.2328, -36.0724,
13.4458

170.6550,
-80.5710, 32.8495

 24.6912, -30.4460,
11.3257

186.3387,

 17.0408, -24.6177,

-83.9235, 34.5133

9.0401

202.4754,
-87.2205, 36.1764

■ 10.4008, -18.2014,
7.2805

0.0000, NaN, NaN

■ 86.9253, -58.7559,
22.7165

■ 86.9253, -58.7559,
22.7165

■ 86.4305, -61.2166,
25.4980

■ 87.6391, -55.3942,
19.9781


■ 86.1084, -62.9484,
28.2598


■ 88.5958, -51.0651,
17.3335


■ 86.1083, -62.9489,
28.2607

■ 89.8122, -45.7407,
14.8254

■ 91.2991, -39.4289,
12.4918

 93.0620, -32.1663,
10.3644

 95.1020, -24.0113,
8.4680

 97.4169, -15.0387,
6.8205

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.



86.9254, -43.9766, 40.0185



86.9253, -58.7559, 22.7165



86.9254, -60.4512, -8.2885

Triad

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



86.9254, -58.7550, 22.7158



86.9254, 8.4749, -82.3244



86.9254, 50.9579, 36.7544

Complementary

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



86.9253, -58.7559, 22.7165



50.1091, 76.6213, 9.2591

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.



86.9254, 70.1763, 16.0049



86.9253, -58.7559, 22.7165



86.9254, 43.2307, -57.2040

Square

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



86.9254, -58.7550, 22.7158



86.9254, -25.0113, -78.2522



86.9254, 67.1472, -18.1693



86.9254, 17.7932, 45.6746

Rectangle

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



86.9253, -58.7559, 22.7165



86.9254, -54.2946, -34.4371



86.9254, 67.1472, -18.1693



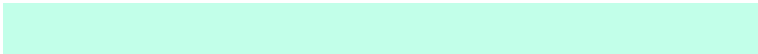
86.9254, 59.4798, 31.3569

Sweetspot

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



86.9254, -58.7550, 22.7158



94.2521, -27.3787, 9.1982



87.2811, -60.8483, 50.5887



43.2726, -14.0002, 4.5713

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

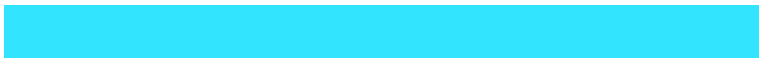
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.9254, -58.7550, 22.7158



86.2243, -62.3117, 27.1672



79.5622, -33.5539, -22.0635



45.1255, -6.7442, 3.1210



62.2678, -45.3564, 20.0821



19.4837, -13.8216, 5.4840

Inverse Universe

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



50.1091, 76.6213, 9.2591



47.3099, 81.7210, 15.7890



51.9398, 62.3016, 29.5194



42.5394, 2.2680, 1.7622



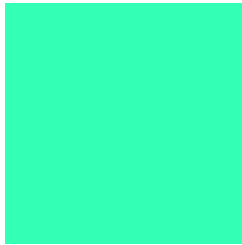
33.9752, 59.4620, 12.0440



10.6958, 18.8999, 2.3915

Previews

White Background



This preview shows how the HunterLab color 86.9253, -58.7559, 22.7165 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 86.9253, -58.7559, 22.7165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

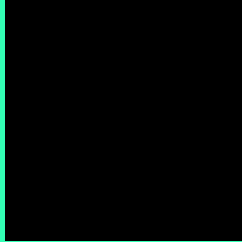
Any Text WCAG AA ✓ Pass

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 86.9253, -58.7559, 22.7165 Background



This preview shows how black text looks on a background with the HunterLab color 86.9253, -58.7559, 22.7165.



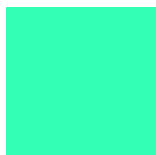
This preview shows how white text looks on a background with the HunterLab color 86.9253, -58.7559, 22.7165.

-58.7559, 22.7165.

Color Blindness Simulation

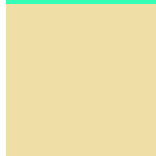
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

86.9253, -58.7559, 22.7165



Protanopia

85.9530, -7.4002, 27.9490



Deuteranopia

85.8293, 5.8911, 18.5416



Tritanopia

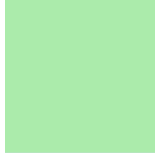
86.3804, -27.3838, -12.1893

Trichromacy



Original Color

86.9253, -58.7559, 22.7165



Protanomaly

84.2703, -33.4012, 24.2351



Deuteranomaly

83.6948, -26.1150, 17.4113



Tritanomaly

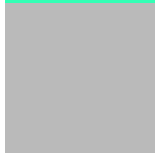
86.0781, -41.0618, 1.7655

Monochromacy



Original Color

86.9253, -58.7559, 22.7165



Achromatopsia

70.0729, -3.7389, 3.8072



Achromatomaly

74.4094, -28.8333, 9.2128

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.9253, -58.7559, 22.7165 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 86.9253, -58.7559, 22.7165 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, 181) }
```


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

```
.border{ border-color:rgb(51, 255, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.9253, -58.7559, 22.7165 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, 181) }
```

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

```
.background{ background-color: rgb(51, 255,  
181) }
```

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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