

Converting Colors

HunterLab(87.0061, -58.2628,
21.5467)

Have a look what the booklet for
HunterLab(87.0061, -58.2628,
21.5467) contains.

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Color

**HunterLab(86.9968,
-58.3193, 21.6810)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFB8
RGB	51, 255, 184
RGB Percent	20%, 100%, 72%
CMY	0.8000, 0.0000, 0.2784
CMYK	0.80, 0.00, 0.28, 0.00
HSL	159°, 100%, 60%
HSV	159°, 80%, 100%
XYZ	45.7769, 75.6844, 57.5431
YIQ	185.9100, -98.7930, -65.3290

Conversions

Conversions Part 2

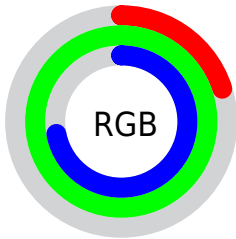
Format	Color
RYB	51, 174, 255
Decimal	3407800
CIELab	89.71, -63.73, 20.56
CIELCh	90, 66.964, 162.117
Yxy	75.6848, 0.2557, 0.4228
Android (android.graphics.Color)	4281597880 (0xFF33FFB8)
YUV	185.9100, -0.9416, -118.3161
Hunter-Lab	86.9968, -58.3193, 21.6810

Details

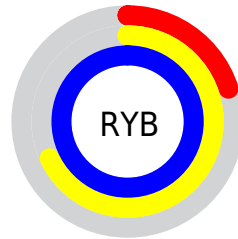
The HunterLab color **86.9968, -58.3193, 21.6810** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **50.0338, 76.3272, 10.3454**, and the grayscale version is **70.0700, -3.7388, 3.8070**.

A 20% lighter version of the original color is **90.8609, -39.7706, 1.4980**, and **64.4757, -46.2145, 19.1749** is the 20% darker color. If you saturate the color by 10%, you get **86.5063, -60.7518, 24.3989**, and if you desaturate by 10%, it is **87.7053, -54.9935, 19.0231**.

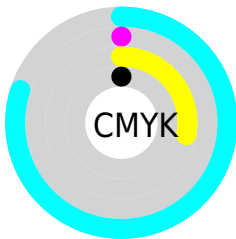
Distribution



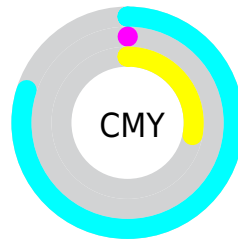
- Red (20%)
- Green (100%)
- Blue (72%)



- Red (20%)
- Yellow (68%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.9968, -58.3193, 21.6810 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 86.9968, -58.3193, 21.6810 by changing the saturation by 10% instead.


 86.9968, -58.3193,
21.6810

 86.9968, -58.3193,
21.6810


219.1502,
-89.7640, 36.2491


 74.9494, -54.2968,
20.0069


 112.8190,
-65.9287, 24.9657


 63.5158, -50.0908,
18.3026


 126.5448,
-69.5609, 26.5887

 52.7311, -45.6586,
16.5563


 140.7860,
-73.0997, 28.2038

 42.6371, -40.9423,
14.7524

 155.5248,
-76.5576, 29.8140

 33.2848, -35.8606,
12.8681

170.7447,
-79.9450, 31.4219

 24.7383, -30.2940,
10.8689

186.4310,

 17.0824, -24.4761,

-83.2705, 33.0293

8.7001

202.5703,
-86.5414, 34.6379

■ 10.4361, -18.2631,
7.3053

0.0000, NaN, NaN

■ 86.9968, -58.3193,
21.6810

■ 86.9968, -58.3193,
21.6810

■ 86.5063, -60.7518,
24.3989

■ 87.7053, -54.9935,
19.0231

■ 86.1873, -62.4631,
27.1136

■ 88.6554, -50.7074,
16.4752

■ 86.1872, -62.4636,
27.1146

■ 89.8642, -45.4325,
14.0793

■ 91.3423, -39.1758,
11.8723

■ 93.0955, -31.9726,
9.8843

■ 95.1251, -23.8804,
8.1387

■ 97.4288, -14.9725,
6.6518

■ 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.



86.9970, -44.1280, 39.2763



86.9968, -58.3193, 21.6810



86.9970, -59.5664, -9.2862

Triad

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



86.9970, -58.3185, 21.6804



86.9970, 9.4385, -80.1325



86.9970, 49.0768, 36.8613

Complementary

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



86.9968, -58.3193, 21.6810



50.0338, 76.3272, 10.3454

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.



86.9970, 68.5570, 16.7530



86.9968, -58.3193, 21.6810



86.9970, 43.4373, -54.8335

Square

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



86.9970, -58.3185, 21.6804



86.9970, -23.7409, -77.1758



86.9970, 66.3483, -16.4986



86.9970, 16.2512, 45.4495

Rectangle

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



86.9968, -58.3193, 21.6810



86.9970, -53.1861, -35.0219



86.9970, 66.3483, -16.4986



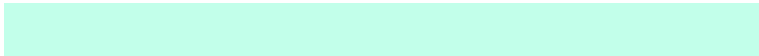
86.9970, 57.6133, 31.6361

Sweetspot

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



86.9970, -58.3185, 21.6804



94.2795, -27.2225, 8.8073



87.1357, -61.4481, 50.4851



43.2870, -13.9177, 4.3658

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.9970, -58.3185, 21.6804



86.3021, -61.8339, 26.0380



78.3909, -32.0314, -23.8120



45.1307, -6.7152, 3.0468



62.3245, -45.0077, 19.2585



19.5005, -13.7184, 5.2402

Inverse Universe

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



50.0338, 76.3272, 10.3454



47.2387, 81.4576, 16.8255



52.4163, 60.9216, 29.8213



42.5341, 2.2395, 1.8379



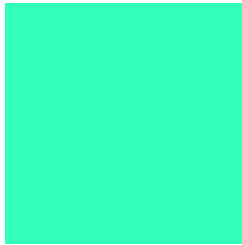
33.9247, 59.2762, 12.7809



10.6784, 18.8363, 2.6423

Previews

White Background



This preview shows how the HunterLab color 86.9968, -58.3193, 21.6810 looks on a white background.

Color Contrast Check

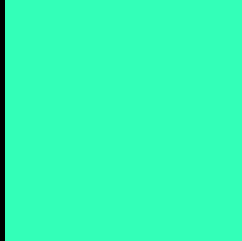
Large Text (above 18pt) WCAG AA × Fail

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 86.9968, -58.3193, 21.6810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

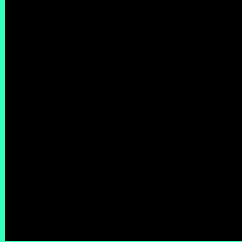
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

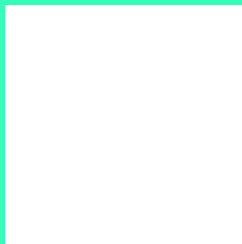
Any Text WCAG AAA ✓ Pass

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

HunterLab 86.9968, -58.3193, 21.6810 Background



This preview shows how black text looks on a background with the HunterLab color 86.9968, -58.3193, 21.6810.



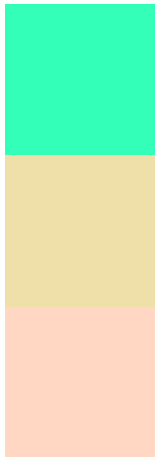
This preview shows how white text looks on a background with the HunterLab color 86.9968,

-58.3193, 21.6810.

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

86.9968, -58.3193, 21.6810

Protanopia

86.0178, -7.0434, 27.0077

Deuteranopia

85.8813, 6.1695, 17.7918



Tritanopia

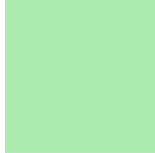
86.7196, -27.8573, -11.7346

Trichromacy



Original Color

86.9968, -58.3193, 21.6810



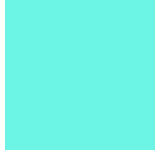
Protanomaly

84.3389, -33.0019, 23.2404



Deuteranomaly

83.7467, -25.8175, 16.6635



Tritanomaly

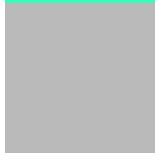
86.1105, -40.8709, 1.3052

Monochromacy



Original Color

86.9968, -58.3193, 21.6810



Achromatopsia

70.0729, -3.7389, 3.8072



Achromatomaly

74.4377, -28.6690, 8.8075

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.9968, -58.3193, 21.6810 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 86.9968, -58.3193, 21.6810 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, 184) }
```


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

```
.border{ border-color:rgb(51, 255, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
184) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.9968, -58.3193, 21.6810 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, 184) }
```

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

```
.background{ background-color: rgb(51, 255,  
184) }
```

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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