

Converting Colors

HunterLab(87.3518, -58.4593,
17.3920)

Have a look what the booklet for
HunterLab(87.3518, -58.4593,
17.3920) contains.

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Color

**HunterLab(86.9273,
-58.0004, 16.9283)**

Conversions

Conversions Part 1

Format	Color
Hex	09FFC4
RGB	9, 255, 196
RGB Percent	4%, 100%, 77%
CMY	0.9645, 0.0000, 0.2314
CMYK	0.96, 0.00, 0.23, 0.00
HSL	166°, 100%, 52%
HSV	166°, 96%, 100%
XYZ	45.8364, 75.5636, 64.3940
YIQ	174.7200, -127.6770, -70.5010

Conversions

Conversions Part 2

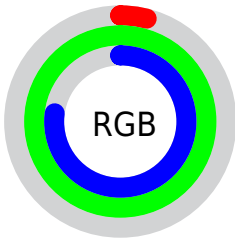
Format	Color
R _Y B	9, 149, 255
Decimal	655300
CIE Lab	89.66, -63.32, 14.29
CIE LCh	90, 64.908, 167.284
Yxy	75.5640, 0.2467, 0.4067
Android (android.graphics.Color)	4278845380 (0xFF09FFC4)
YUV	174.7200, 10.4910, -145.3364
Hunter-Lab	86.9273, -58.0004, 16.9283

Details

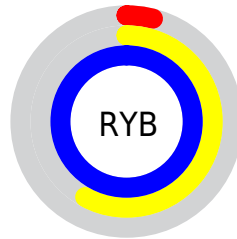
The HunterLab color **86.9273, -58.0004, 16.9283** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **46.7698, 79.9095, 23.2774**, and the grayscale version is **65.3592, -3.4874, 3.5511**.

A 20% lighter version of the original color is **90.8094, -39.0883, -5.4016**, and **64.7190, -44.7235, 15.6521** is the 20% darker color. If you saturate the color by 10%, you get **86.8375, -58.4809, 17.7042**, and if you desaturate by 10%, it is **87.2578, -56.3251, 14.7642**.

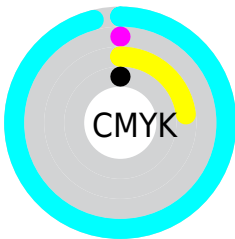
Distribution



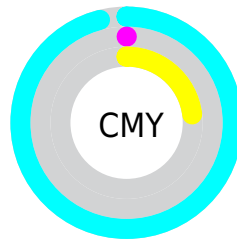
- Red (4%)
- Green (100%)
- Blue (77%)



- Red (4%)
- Yellow (58%)
- Blue (100%)



- Cyan (96%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (96%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.9273, -58.0004, 16.9283 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 86.9273, -58.0004, 16.9283 by changing the saturation by 10% instead.


 86.9273, -58.0004,
16.9283


 86.9273, -58.0004,
16.9283


219.0556,
-89.2795, 29.1424

 74.8833, -54.0007,
15.5832


 112.7432,
-65.5673, 19.6083


 63.4532, -49.8191,
14.2301


 126.4660,
-69.1799, 20.9507


 52.6723, -45.4129,
12.8616


 140.7045,
-72.6998, 22.2975

 42.5824, -40.7247,
11.4685

 155.4404,
-76.1396, 23.6502

 33.2343, -35.6735,
10.0366

 170.6576,
-79.5095, 25.0101

 24.6926, -30.1401,
8.5440

186.3414,

 17.0420, -24.3492,

-82.8182, 26.3783

6.9538

202.4782,
-86.0728, 27.7555

■ 10.4018, -18.2032,
6.3404

0.0000, NaN, NaN

■ 86.9273, -58.0004,
16.9283

■ 86.9273, -58.0004,
16.9283

■ 86.8375, -58.4809,
17.7042

■ 87.2578, -56.3251,
14.7642

■ 87.7768, -53.8829,
12.7337

■ 88.5154, -50.5666,
10.8861

■ 89.4955, -46.3180,
9.2624

90.7320, -41.1157,
7.8954

92.2344, -34.9699,
6.8101

94.0077, -27.9162,
6.0236

96.0526, -20.0103,
5.5454

98.3663, -11.3221,
5.3779

Harmonies

Analogous

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



86.9275, -46.2913, 36.3811



86.9273, -58.0004, 16.9283



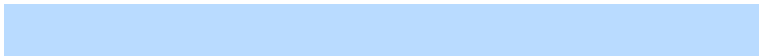
86.9275, -57.0320, -15.0435

Triad

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



86.9275, -57.9994, 16.9277



86.9275, 14.8965, -74.2432



86.9275, 42.4037, 38.2737

Complementary

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



86.9273, -58.0004, 16.9283



46.7698, 79.9095, 23.2774

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.



86.9275, 64.1346, 20.7336



86.9273, -58.0004, 16.9283



86.9275, 46.7087, -46.5897

Square

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



86.9275, -57.9994, 16.9277



86.9275, -18.0929, -76.4777



86.9275, 65.8176, -9.5356



86.9275, 9.6781, 45.2647

Rectangle

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



86.9273, -58.0004, 16.9283



86.9275, -49.3411, -40.0129



86.9275, 65.8176, -9.5356



86.9275, 51.4345, 33.7902

Sweetspot

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



86.9275, -57.9994, 16.9277



93.5305, -29.7953, 6.1948



85.3591, -69.1324, 51.2073



42.9198, -15.1827, 3.0194

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.9275, -57.9994, 16.9277



86.8375, -58.4809, 17.7042



67.5606, -19.5597, -41.7380



45.1692, -6.5004, 2.4965



62.7907, -42.1539, 12.5153



19.6364, -12.8893, 3.2805

Inverse Universe

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



46.7698, 79.9095, 23.2774



46.4744, 80.3177, 24.3811



50.7217, 64.3685, 32.0778



42.4953, 2.0311, 2.3909



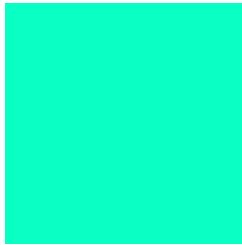
33.6230, 58.1642, 17.2015



10.5686, 18.4333, 4.2381

Previews

White Background



This preview shows how the HunterLab color 86.9273, -58.0004, 16.9283 looks on a white background.

Color Contrast Check

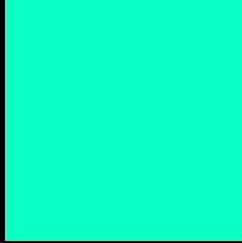
Large Text (above 18pt) WCAG AA × Fail

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 86.9273, -58.0004, 16.9283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

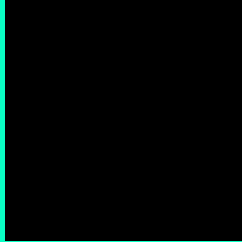
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

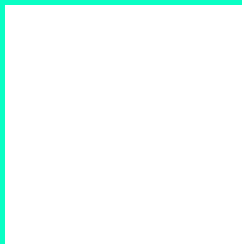
Any Text WCAG AAA ✓ Pass

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

HunterLab 86.9273, -58.0004, 16.9283 Background



This preview shows how black text looks on a background with the HunterLab color 86.9273, -58.0004, 16.9283.



This preview shows how white text looks on a background with the HunterLab color 86.9273, -58.0004, 16.9283.

-58.0004, 16.9283.

Color Blindness Simulation

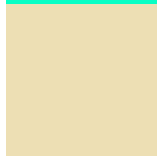
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



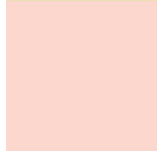
Original Color

86.9273, -58.0004, 16.9283



Protanopia

86.0669, -6.3707, 23.1766



Deuteranopia

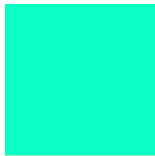
85.8511, 6.6655, 13.1295



Tritanopia

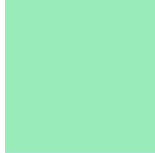
86.5699, -28.4187, -11.9485

Trichromacy



Original Color

86.9273, -58.0004, 16.9283



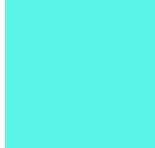
Protanomaly

83.5655, -35.3835, 17.9136



Deuteranomaly

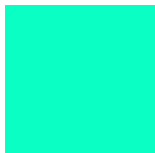
82.9159, -28.2769, 10.6417



Tritanomaly

85.7143, -42.0890, -1.7646

Monochromacy



Original Color

86.9273, -58.0004, 16.9283



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

70.8869, -30.3527, 5.6781

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.9273, -58.0004, 16.9283 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(9, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(9, 255, 196)  
}
```

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(9, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 255, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 86.9273, -58.0004, 16.9283 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(9, 255, 196) }
```


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

```
.border{ border-color:rgb(9, 255, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(9, 255,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.9273, -58.0004, 16.9283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 255, 196) }
```

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

```
.background{ background-color: rgb(9, 255,  
196) }
```

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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