

Converting Colors

HunterLab(84.1830, -56.6277,
17.0216)

Have a look what the booklet for
HunterLab(84.1830, -56.6277,
17.0216) contains.

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Color

**HunterLab(84.1480,
-56.5694, 16.9393)**

Conversions

Conversions Part 1

Format	Color
Hex	00F8BD
RGB	0, 248, 189
RGB Percent	0%, 97%, 74%
CMY	0.9999, 0.0274, 0.2588
CMYK	1.00, 0.00, 0.24, 0.03
HSL	166°, 100%, 49%
HSV	166°, 100%, 97%
XYZ	42.7527, 70.8089, 59.5583
YIQ	167.1220, -128.8690, -70.9250

Conversions

Conversions Part 2

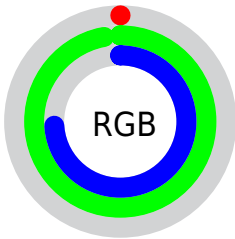
Format	Color
RYB	0, 141, 248
Decimal	63677
CIELab	87.39, -62.56, 14.70
CIELCh	87, 64.259, 166.778
Yxy	70.8116, 0.2470, 0.4090
Android (android.graphics.Color)	4278253757 (0xFF00F8BD)
YUV	167.1220, 10.7859, -146.5660
Hunter-Lab	84.1480, -56.5694, 16.9393

Details

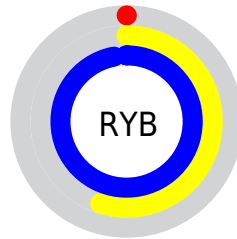
The HunterLab color **84.1480, -56.5694, 16.9393** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **45.0268, 77.8074, 23.6523**, and the grayscale version is **62.2143, -3.3196, 3.3802**.

A 20% lighter version of the original color is **90.3825, -41.2908, -1.6980**, and **62.1325, -43.0651, 15.3049** is the 20% darker color. If you saturate the color by 10%, you get **84.1493, -56.5719, 16.9431**, and if you desaturate by 10%, it is **84.4260, -55.1299, 14.8399**.

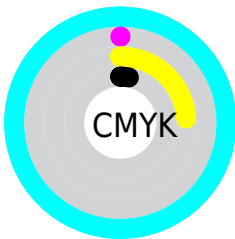
Distribution



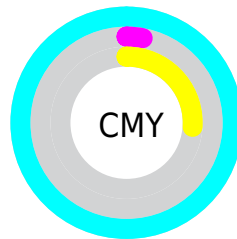
- Red (0%)
- Green (97%)
- Blue (74%)



- Red (0%)
- Yellow (55%)
- Blue (97%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (3%)





- Cyan (100%)
- Magenta (3%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.1480, -56.5694, 16.9393 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 84.1480, -56.5694, 16.9393 by changing the saturation by 10% instead.


 84.1480, -56.5694,
16.9393


 84.1480, -56.5694,
16.9393


215.2660,
-87.7038, 29.2965


 72.2416, -52.5775,
15.5728


 109.7112,
-64.1151, 19.6603


 60.9552, -48.3969,
14.1940


 123.3146,
-67.7129, 21.0202


 50.3267, -43.9841,
12.7964


 137.4380,
-71.2166, 22.3832

 40.3998, -39.2780,
11.3692

 152.0628,
-74.6391, 23.7511

 31.2280, -34.1916,
9.8963

 167.1725,
-77.9910, 25.1254

 22.8796, -28.5957,
8.3523

182.7519,

 15.4456, -23.5271,

-81.2809, 26.5072

6.6936

198.7873,
-84.5164, 27.8973

■ 9.0471, -15.8324,
6.3330

0.0000, NaN, NaN

■ 84.1480, -56.5694,
16.9393

■ 84.1480, -56.5694,
16.9393

■ 84.1493, -56.5719,
16.9431

■ 84.4260, -55.1299,
14.8399

■ 84.8610, -53.0406,
12.8393

■ 85.4991, -50.1366,
11.0015

■ 86.3640, -46.3474,
9.3688

■ 87.4721, -41.6410,
7.9753

■ 88.8344, -36.0170,
6.8476

■ 90.4572, -29.5017,
6.0046

■ 92.3423, -22.1427,
5.4578

■ 94.4885, -14.0031,
5.2117

Harmonies

Analogous

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



84.1496, -44.9339, 35.6978



84.1480, -56.5694, 16.9393



84.1496, -55.8351, -14.2034

Triad

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



84.1496, -56.5699, 16.9401



84.1496, 14.0845, -73.3113



84.1496, 42.1117, 37.1294

Complementary

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



84.1480, -56.5694, 16.9393



45.0268, 77.8074, 23.6523

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.



84.1496, 63.1713, 19.8352



84.1480, -56.5694, 16.9393



84.1496, 45.4017, -46.4002

Square

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



84.1496, -56.5699, 16.9401



84.1496, -18.1591, -75.0258



84.1496, 64.4584, -9.9949



84.1496, 10.1018, 44.0490

Rectangle

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



84.1480, -56.5694, 16.9393



84.1496, -48.4664, -38.7294



84.1496, 64.4584, -9.9949



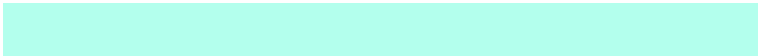
84.1496, 50.9027, 32.7084

Sweetspot

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



84.1496, -56.5699, 16.9401



93.3525, -30.4915, 6.2017



82.5605, -67.6044, 49.6891



42.8470, -15.4700, 3.0225

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.1496, -56.5699, 16.9401



86.8503, -58.4033, 17.5207



64.7307, -18.1264, -41.7761



44.1971, -6.3487, 2.4329



61.8658, -41.4654, 12.1850



18.8712, -12.3545, 3.0824

Inverse Universe

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



45.0268, 77.8074, 23.6523



46.4687, 80.2966, 24.4649



48.3793, 64.5329, 30.9396



41.5847, 1.9747, 2.3489



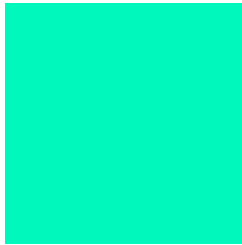
33.1197, 57.2883, 16.9850



10.1573, 17.7221, 4.0257

Previews

White Background



This preview shows how the HunterLab color 84.1480, -56.5694, 16.9393 looks on a white background.

Color Contrast Check

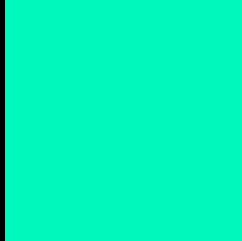
Large Text (above 18pt) WCAG AA × Fail

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 84.1480, -56.5694, 16.9393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

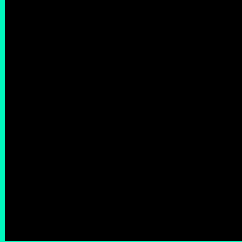
Any Text WCAG AA ✓ Pass

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 84.1480, -56.5694, 16.9393 Background



This preview shows how black text looks on a background with the HunterLab color 84.1480, -56.5694, 16.9393.



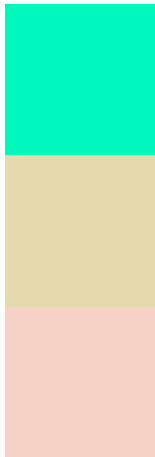
This preview shows how white text looks on a background with the HunterLab color 84.1480, -56.5694, 16.9393.

-56.5694, 16.9393.

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

84.1480, -56.5694, 16.9393

Protanopia

83.3695, -6.5429, 22.7789

Deuteranopia

83.1208, 6.2573, 13.2194



Tritanopia

83.9629, -33.0066, -15.6471

Trichromacy



Original Color

84.1480, -56.5694, 16.9393



Protanomaly

80.5310, -35.1248, 17.6090



Deuteranomaly

79.8645, -28.1267, 10.3907



Tritanomaly

83.5285, -43.6131, -2.9568

Monochromacy



Original Color

84.1480, -56.5694, 16.9393



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

67.5568, -29.9169, 5.5099

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.1480, -56.5694, 16.9393 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(0, 248, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 248, 189)  
}
```

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(0, 248, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 248, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 84.1480, -56.5694, 16.9393 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(0, 248, 189) }
```


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

```
.border{ border-color:rgb(0, 248, 189) }
```

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

Here you see how a box with a 4 pixel rgb(0, 248, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 248, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 248, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 248,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.1480, -56.5694, 16.9393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 248, 189) }
```

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

```
.background{ background-color: rgb(0, 248,  
189) }
```

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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