

Converting Colors

HunterLab(89.8356, -84.9293,
17.5994)

Have a look what the booklet for
HunterLab(89.8356, -84.9293,
17.5994) contains.

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Color

**HunterLab(87.0270,
-57.3266, 14.9755)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFC9
RGB	0, 255, 201
RGB Percent	0%, 100%, 79%
CMY	0.9998, 0.0000, 0.2118
CMYK	1.00, 0.00, 0.21, 0.00
HSL	167°, 100%, 50%
HSV	167°, 100%, 100%
XYZ	46.3026, 75.7370, 67.4366
YIQ	172.5990, -134.6460, -70.8540

Conversions

Conversions Part 2

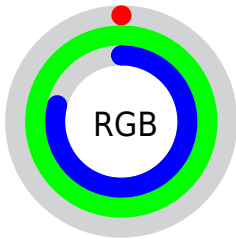
Format	Color
RYB	0, 143, 255
Decimal	65481
CIELab	89.74, -62.34, 11.82
CIELCh	90, 63.451, 169.260
Yxy	75.7374, 0.2444, 0.3997
Android (android.graphics.Color)	4278255561 (0xFF00FFC9)
YUV	172.5990, 14.0017, -151.3693
Hunter-Lab	87.0270, -57.3266, 14.9755

Details

The HunterLab color **87.0270, -57.3266, 14.9755** 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 **46.3980, 80.0274, 25.5248**, and the grayscale version is **64.4672, -3.4398, 3.5026**.

A 20% lighter version of the original color is **90.8416, -38.8231, -6.4516**, and **64.8376, -43.9992, 13.9404** is the 20% darker color. If you saturate the color by 10%, you get **87.0268, -57.3278, 14.9784**, and if you desaturate by 10%, it is **87.2981, -55.9254, 12.9808**.

Distribution



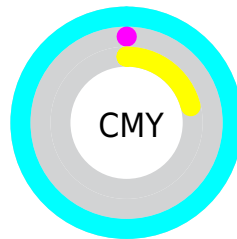
- Red (0%)
- Green (100%)
- Blue (79%)



- Red (0%)
- Yellow (56%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.0270, -57.3266, 14.9755 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 87.0270, -57.3266, 14.9755 by changing the saturation by 10% instead.


 87.0270, -57.3266,
14.9755


 87.0270, -57.3266,
14.9755


219.1913,
-88.1991, 26.2892


 74.9782, -53.3846,
13.7556


 112.8520,
-64.7880, 17.4250


 63.5430, -49.2650,
12.5359


 126.5790,
-68.3518, 18.6603

 52.7567, -44.9257,
11.3109


 140.8215,
-71.8254, 19.9044

 42.6610, -40.3107,
10.0735

 155.5614,
-75.2207, 21.1586

 33.3067, -35.3402,
8.8131

 170.7825,
-78.5480, 22.4235

 24.7582, -29.8974,
7.5130

186.4700,

 17.1000, -24.1315,

-81.8156, 23.7000

6.1444

202.6104,
-85.0306, 24.9884

■ 10.4510, -18.2892,
5.3466

0.0000, NaN, NaN

■ 87.0270, -57.3266,
14.9755

■ 87.0270, -57.3266,
14.9755

■ 87.0268, -57.3278,
14.9784

■ 87.2981, -55.9254,
12.9808

■ 87.7317, -53.8622,
11.1102

■ 88.3738, -50.9664,
9.4281

■ 89.2490, -47.1632,
7.9768

■ 90.3746, -42.4177,
6.7900

■ 91.7623, -36.7274,
5.8932

■ 93.4185, -30.1176,
5.3034

■ 95.3457, -22.6353,
5.0300

■ 97.5425, -14.3444,
5.0751

Harmonies

Analogous

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



87.0273, -46.6168, 34.9836



87.0270, -57.3266, 14.9755



87.0273, -55.5476, -16.9198

Triad

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



87.0273, -57.3256, 14.9749



87.0273, 16.6417, -70.8298



87.0273, 39.3642, 38.4935

Complementary

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



87.0270, -57.3266, 14.9755



46.3980, 80.0274, 25.5248

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.



87.0273, 61.5532, 21.9509



87.0270, -57.3266, 14.9755



87.0273, 47.1776, -42.9013

Square

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



87.0273, -57.3256, 14.9749



87.0273, -15.8440, -74.8518



87.0273, 64.6033, -6.9186



87.0273, 7.1438, 44.9098

Rectangle

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



87.0270, -57.3266, 14.9755



87.0273, -47.4335, -41.1640



87.0273, 64.6033, -6.9186



87.0273, 48.4308, 34.2845

Sweetspot

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



87.0273, -57.3256, 14.9749



93.4154, -30.1299, 5.3042



85.0532, -70.4540, 51.1750



42.8800, -15.2792, 2.5514

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.0273, -57.3256, 14.9749



87.0268, -57.3278, 14.9784



64.0230, -14.6390, -48.4193



45.1793, -6.4442, 2.3526



62.9260, -41.3298, 10.5672



19.6751, -12.6539, 2.7239

Inverse Universe

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



46.3980, 80.0274, 25.5248



46.3966, 80.0297, 25.5293



50.9229, 63.6316, 32.4909



42.4853, 1.9775, 2.5332



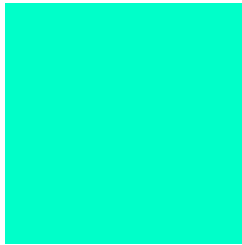
33.5641, 57.9463, 18.0702



10.5451, 18.3468, 4.5815

Previews

White Background



This preview shows how the HunterLab color 87.0270, -57.3266, 14.9755 looks on a white background.

Color Contrast Check

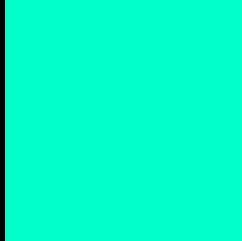
Large Text (above 18pt) WCAG AA × Fail

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 87.0270, -57.3266, 14.9755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

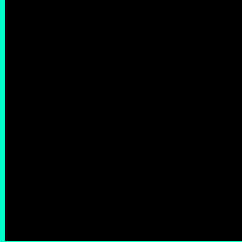
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

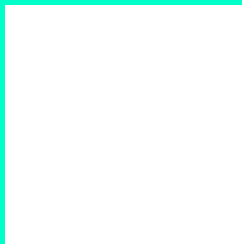
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.0270, -57.3266, 14.9755 Background



This preview shows how black text looks on a background with the HunterLab color 87.0270, -57.3266, 14.9755.



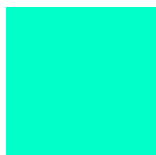
This preview shows how white text looks on a background with the HunterLab color 87.0270, -57.3266, 14.9755.

-57.3266, 14.9755.

Color Blindness Simulation

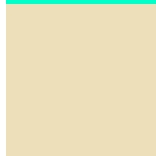
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.0270, -57.3266, 14.9755



Protanopia

86.0877, -6.0569, 21.3295



Deuteranopia

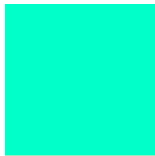
86.0749, 6.1735, 11.1478



Tritanopia

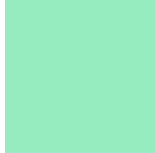
86.6194, -28.2330, -11.8778

Trichromacy



Original Color

87.0270, -57.3266, 14.9755



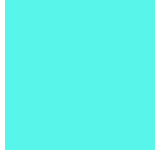
Protanomaly

83.4639, -35.5152, 15.7942



Deuteranomaly

82.7463, -28.6252, 8.1891



Tritanomaly

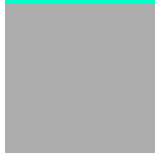
85.6608, -42.2316, -2.3566

Monochromacy



Original Color

87.0270, -57.3266, 14.9755



Achromatopsia

64.6440, -3.4492, 3.5122



Achromatomaly

70.3177, -30.8239, 5.0158

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.0270, -57.3266, 14.9755 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, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 201)  
}
```

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, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 87.0270, -57.3266, 14.9755 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, 255, 201) }
```


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

```
.border{ border-color:rgb(0, 255, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.0270, -57.3266, 14.9755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 201) }
```

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

```
.background{ background-color: rgb(0, 255,  
201) }
```

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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