

Converting Colors

HunterLab(87.2324, -56.0786,
12.0246)

Have a look what the booklet for
HunterLab(87.2324, -56.0786,
12.0246) contains.

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Color

**HunterLab(87.2204,
-56.1514, 12.1968)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFD0
RGB	0, 255, 208
RGB Percent	0%, 100%, 82%
CMY	0.9998, 0.0000, 0.1843
CMYK	1.00, 0.00, 0.18, 0.00
HSL	169°, 100%, 50%
HSV	169°, 100%, 100%
XYZ	47.1451, 76.0740, 71.8733
YIQ	173.3970, -136.8930, -68.6770

Conversions

Conversions Part 2

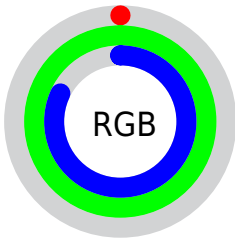
Format	Color
RYB	0, 140, 255
Decimal	65488
CIELab	89.89, -60.64, 8.43
CIELCh	90, 61.226, 172.082
Yxy	76.0745, 0.2417, 0.3899
Android (android.graphics.Color)	4278255568 (0xFF00FFD0)
YUV	173.3970, 17.0593, -152.0692
Hunter-Lab	87.2204, -56.1514, 12.1968

Details

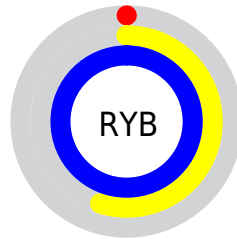
The HunterLab color **87.2204, -56.1514, 12.1968** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light saturated cyan. A complement of this color would be **46.3321, 79.7832, 26.4988**, and the grayscale version is **64.7869, -3.4569, 3.5200**.

A 20% lighter version of the original color is **90.8416, -38.8231, -6.4516**, and **65.0120, -42.9361, 11.4273** is the 20% darker color. If you saturate the color by 10%, you get **87.2203, -56.1526, 12.1995**, and if you desaturate by 10%, it is **87.4773, -54.8397, 10.4105**.

Distribution



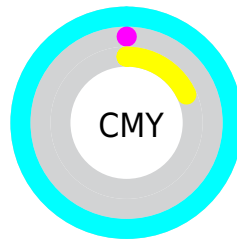
- Red (0%)
- Green (100%)
- Blue (82%)



- Red (0%)
- Yellow (55%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.2204, -56.1514, 12.1968 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 87.2204, -56.1514, 12.1968 by changing the saturation by 10% instead.

87.2204, -56.1514,
12.1968

87.2204, -56.1514,
12.1968

219.4545,
-86.3186, 22.2963

75.1622, -52.3096,
11.1448

113.0629,
-63.4297, 14.3365

63.7172, -48.2974,
10.1037

126.7982,
-66.9092, 15.4276

52.9204, -44.0743,
9.0702

141.0486,
-70.3022, 16.5335

42.8135, -39.5862,
8.0405

155.7961,
-73.6205, 17.6546

33.4472, -34.7562,
7.0083

171.0246,
-76.8739, 18.7913

24.8854, -29.4711,
5.9637

186.7193,

17.2125, -23.7658,

-80.0703, 19.9438

4.8891

202.8667,
-83.2166, 21.1121

■ 10.5465, -18.4564,
3.9930

0.0000, NaN, NaN

■ 87.2204, -56.1514,
12.1968

■ 87.2204, -56.1514,
12.1968

■ 87.2203, -56.1526,
12.1995

■ 87.4773, -54.8397,
10.4105

■ 87.8953, -52.8755,
8.7678

■ 88.5203, -50.0878,
7.3327

■ 89.3772, -46.4008,
6.1462

90.4833, -41.7777,
5.2400

91.8504, -36.2143,
4.6371

93.4854, -29.7337,
4.3521

95.3906, -22.3811,
4.3915

97.5652, -14.2184,
4.7547

Harmonies

Analogous

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



87.2207, -46.8401, 32.8780



87.2204, -56.1514, 12.1968



87.2207, -53.2645, -19.3453

Triad

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



87.2207, -56.1504, 12.1962



87.2207, 18.8756, -65.7456



87.2207, 35.0356, 38.6561

Complementary

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



87.2204, -56.1514, 12.1968



46.3321, 79.7832, 26.4988

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.



87.2207, 57.6652, 23.4713



87.2204, -56.1514, 12.1968



87.2207, 47.4654, -37.7307

Square

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



87.2207, -56.1504, 12.1962



87.2207, -12.7111, -72.0586



87.2207, 62.5057, -3.4219



87.2207, 3.6972, 44.2820

Rectangle

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



87.2204, -56.1514, 12.1968



87.2207, -44.6008, -42.3884



87.2207, 62.5057, -3.4219



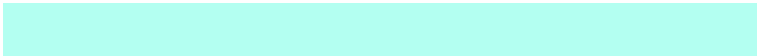
87.2207, 44.0838, 34.8189

Sweetspot

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



87.2207, -56.1504, 12.1962



93.4821, -29.7465, 4.3523



84.9852, -70.7431, 51.1281



42.9151, -15.0765, 2.0511

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.2207, -56.1504, 12.1962



87.2203, -56.1526, 12.1995



62.6627, -12.5984, -51.1238



45.1892, -6.3891, 2.2115



63.0641, -40.4906, 8.5829



19.7144, -12.4157, 2.1605

Inverse Universe

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



46.3321, 79.7832, 26.4988



46.3306, 79.7857, 26.5030



51.4808, 61.9903, 32.8059



42.4756, 1.9252, 2.6720



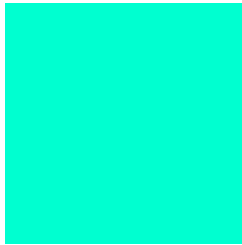
33.5137, 57.7598, 18.8138



10.5241, 18.2693, 4.8897

Previews

White Background



This preview shows how the HunterLab color 87.2204, -56.1514, 12.1968 looks on a white background.

Color Contrast Check

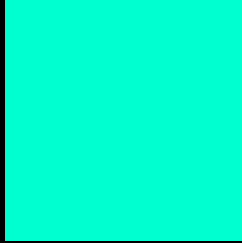
Large Text (above 18pt) WCAG AA × Fail

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 87.2204, -56.1514, 12.1968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

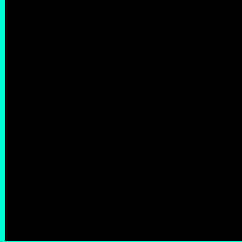
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

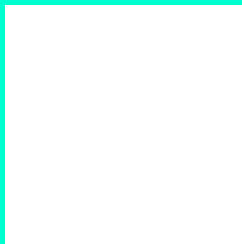
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.2204, -56.1514, 12.1968 Background



This preview shows how black text looks on a background with the HunterLab color 87.2204, -56.1514, 12.1968.



This preview shows how white text looks on a background with the HunterLab color 87.2204,

-56.1514, 12.1968.

Color Blindness Simulation

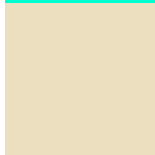
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



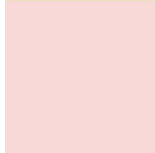
Original Color

87.2204, -56.1514, 12.1968



Protanopia

86.1645, -5.4369, 18.6839



Deuteranopia

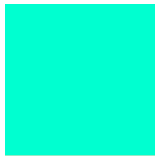
86.3366, 5.8726, 8.6890



Tritanopia

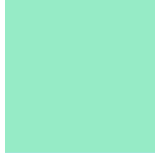
86.7196, -27.8573, -11.7346

Trichromacy



Original Color

87.2204, -56.1514, 12.1968



Protanomaly

83.6528, -34.4116, 13.0776



Deuteranomaly

83.2016, -28.2783, 5.9142



Tritanomaly

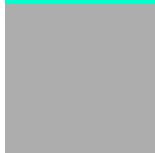
85.8205, -41.4028, -3.7256

Monochromacy



Original Color

87.2204, -56.1514, 12.1968



Achromatopsia

64.6440, -3.4492, 3.5122



Achromatomaly

70.4074, -30.2981, 3.7351

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.2204, -56.1514, 12.1968 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 208) }
```

Border

The CSS property to change the border of an element to HunterLab 87.2204, -56.1514, 12.1968 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, 208) }
```


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

```
.border{ border-color:rgb(0, 255, 208) }
```

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, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
208) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.2204, -56.1514, 12.1968 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, 208) }
```

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

```
.background{ background-color: rgb(0, 255,  
208) }
```

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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