

Converting Colors

CIELCh(88, 57.554, 175.432)

Have a look what the booklet for
CIELCh(88, 57.554, 175.432)
contains.

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Color

CIELCh(88, 57.444, 175.495)

Conversions

Conversions Part 1

Format	Color
Hex	09F8D2
RGB	9, 248, 210
RGB Percent	4%, 97%, 82%
CMY	0.9636, 0.0261, 0.1752
CMYK	0.96, 0.00, 0.15, 0.03
HSL	170°, 95%, 51%
HSV	170°, 96%, 97%
XYZ	45.4558, 72.0653, 72.6912
YIQ	172.2070, -130.2460, -62.4860

Conversions

Conversions Part 2

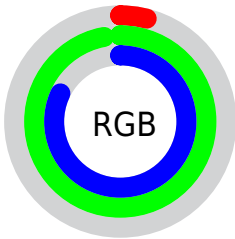
Format	Color
R_{YB}	9, 139, 248
Decimal	653522
CIE _{Lab}	88.00, -57.27, 4.51
CIE _{LCh}	88, 57.444, 175.495
Yxy	72.0653, 0.2390, 0.3789
Android (android.graphics.Color)	4278843602 (0xFF09F8D2)
YUV	172.2070, 18.6319, -143.1325
Hunter-Lab	84.8913, -52.9802, 8.6547

Details

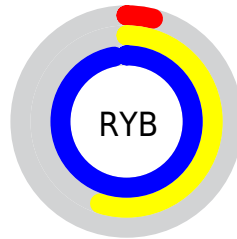
The CIELCh color **88, 57.444, 175.495** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **52, 92.123, 31.554**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 39.067, 197.028**, and **69, 48.540, 172.995** is the 20% darker color. If you saturate the color by 10%, you get **88, 58.083, 174.879**, and if you desaturate by 10%, it is **88, 55.357, 177.091**.

Distribution



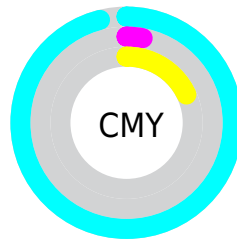
- Red (4%)
- Green (97%)
- Blue (82%)



- Red (4%)
- Yellow (55%)
- Blue (97%)



- Cyan (96%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)



- Cyan (96%)
- Magenta (3%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 57.444, 175.495 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 CIELCh color 88, 57.444, 175.495 by changing the saturation by 10% instead.

 88, 57.444,
175.495

 88, 57.444,
175.495


 100, 57.444,
175.495

 78, 57.444,
175.495

 68, 57.444,
175.495

 58, 57.444,
175.495

 48, 57.444,
175.495

 38, 57.444,
175.495

 28, 57.444,
175.495

 18, 57.444,

175.495

■ 8, 57.444, 175.495

■ 0, 57.444, 175.495

■ 88, 57.444,
175.495

■ 88, 57.444,
175.495

■ 88, 58.083,
174.879

■ 88, 55.357,
177.091

■ 89, 52.327,
178.537

■ 89, 48.260,
179.844

■ 90, 43.149,
181.035

■ 91, 37.062,

182.131

■ 92, 30.113,
183.154

■ 93, 22.446,
184.121

■ 95, 14.213,
185.052

■ 97, 5.565, 185.998

Harmonies

Complementary

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



88, 57.444, 175.495



52, 92.123, 31.554

Rectangle

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



88, 57.444, 175.495



88, 57.444, 225.495



88, 57.444, 355.495



88, 57.444, 45.495

Sweetspot

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



88, 57.444, 175.494



95, 25.138, 183.857



86, 114.953, 135.052



50, 17.039, 183.444



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 57.444, 175.494



90, 59.277, 174.854



66, 50.085, 261.186



51, 5.052, 185.680



69, 47.099, 175.179



22, 20.792, 177.473

Inverse Universe

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



52, 92.123, 31.554



53, 96.548, 33.431



59, 89.095, 49.108



49, 5.271, 7.225



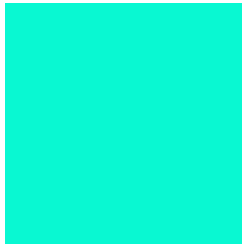
39, 76.209, 32.439



9, 31.194, 19.616

Previews

White Background



This preview shows how the CIE LCh color 88, 57.444, 175.495 looks on a white background.

Color Contrast Check

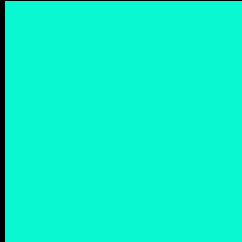
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 88, 57.444, 175.495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

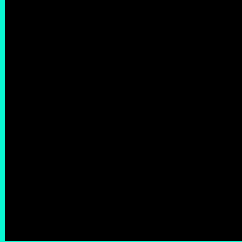
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 57.444, 175.495

Background



This preview shows how black text looks on a background with the CIELCh color 88, 57.444, 175.495.

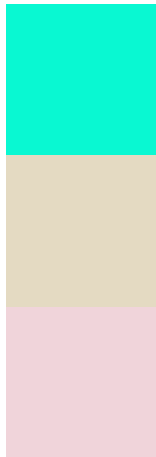


This preview shows how white text looks on a background with the CIELCh color 88, 57.444, 175.495.

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

88, 57.400, 175.482

Protanopia

87, 13.046, 92.282

Deuteranopia

87, 10.719, 3.242

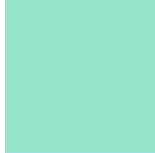


Tritanopia
88, 36.063, 211.681

Trichromacy



Original Color
88, 57.400, 175.482



Protanomaly
85, 31.688, 168.465



Deuteranomaly
85, 23.742, 184.899

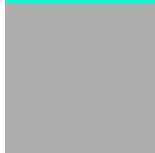


Tritanomaly
88, 43.944, 194.555

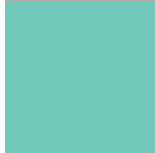
Monochromacy



Original Color
88, 57.400, 175.482



Achromatopsia
71, 0.009, 296.813



Achromatomaly
75, 29.428, 183.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 57.444, 175.495 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, 248, 210)` looks like.

```
.text, #text, p{  
    color:rgb(9, 248, 210)  
}
```

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, 248, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 248, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 57.444, 175.495 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, 248, 210) }
```

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

```
.border{ border-color:rgb(9, 248, 210) }
```

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

Here you see how a box with a 4 pixel rgb(9, 248, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 248, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 248, 210);  
box-shadow:4px 4px 4px 4px rgb(9, 248,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 57.444, 175.495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 248, 210) }
```

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

```
.background{ background-color: rgb(9, 248,  
210) }
```

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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