

Converting Colors

CIELCh(88, 52.232, 178.325)

Have a look what the booklet for
CIELCh(88, 52.232, 178.325)
contains.

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Color

CIELCh(88, 52.024, 178.467)

Conversions

Conversions Part 1

Format	Color
Hex	3BF6D8
RGB	59, 246, 216
RGB Percent	23%, 96%, 85%
CMY	0.7698, 0.0336, 0.1514
CMYK	0.76, 0.00, 0.12, 0.03
HSL	170°, 92%, 60%
HSV	170°, 76%, 97%
XYZ	47.3155, 72.0653, 76.6538
YIQ	186.6670, -101.8220, -48.9740

Conversions

Conversions Part 2

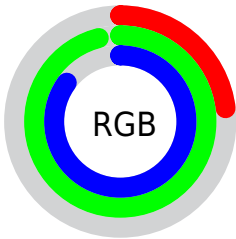
Format	Color
RYB	59, 161, 246
Decimal	3929816
CIELab	88.00, -52.01, 1.39
CIElCh	88, 52.024, 178.467
Yxy	72.0653, 0.2414, 0.3676
Android (android.graphics.Color)	4282119896 (0xFF3BF6D8)
YUV	186.6670, 14.4612, -111.9640
Hunter-Lab	84.8913, -49.0699, 5.8871

Details

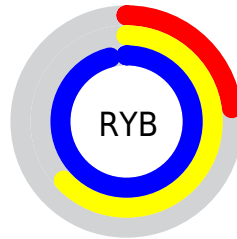
The CIELCh color **88, 52.024, 178.467** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light washed cyan. A complement of this color would be **56, 76.234, 21.715**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 35.582, 197.234**, and **69, 46.526, 176.410** is the 20% darker color. If you saturate the color by 10%, you get **88, 55.055, 177.017**, and if you desaturate by 10%, it is **89, 47.961, 179.775**.

Distribution



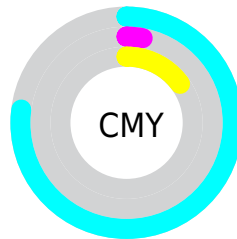
- Red (23%)
- Green (96%)
- Blue (85%)



- Red (23%)
- Yellow (63%)
- Blue (96%)



- Cyan (76%)
- Magenta (0%)
- Yellow (12%)
- Black (3%)



- Cyan (77%)
- Magenta (3%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 52.024, 178.467 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, 52.024, 178.467 by changing the saturation by 10% instead.


 88, 52.024,
178.467


 88, 52.024,
178.467


 100, 52.024,
178.467

 78, 52.024,
178.467

 68, 52.024,
178.467

 58, 52.024,
178.467

 48, 52.024,
178.467

 38, 52.024,
178.467

 28, 52.024,
178.467

 18, 52.024,

178.467

■ 8, 52.024, 178.467

■ 0, 52.024, 178.467

■ 88, 52.024,
178.467

■ 88, 52.024,
178.467

■ 88, 55.055,
177.017

■ 89, 47.961,
179.775

■ 87, 57.149,
175.418

■ 89, 42.863,
180.967

■ 87, 57.804,
174.786

■ 90, 36.797,
182.065

■ 91, 29.877,
183.089

■ 93, 22.245,

184.058

■ 94, 14.055,
184.990

■ 96, 5.453, 185.937

■ 98, 3.134, 5.219

■ 98, 4.126, 337.171

Harmonies

Complementary

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



88, 52.024, 178.467



56, 76.234, 21.715

Rectangle

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



88, 52.024, 178.467



88, 52.024, 228.467



88, 52.024, 358.467



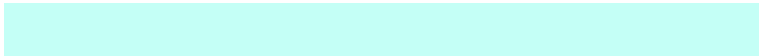
88, 52.024, 48.467

Sweetspot

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



88, 52.024, 178.466



96, 20.251, 184.353



86, 102.418, 135.048



51, 13.893, 184.012



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, 52.024, 178.466



90, 57.683, 176.238



71, 42.870, 251.639



50, 4.969, 185.611



68, 46.667, 175.096



21, 20.218, 177.513

Inverse Universe

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



56, 76.234, 21.715



54, 90.397, 28.835



65, 70.247, 51.237



48, 5.184, 7.154



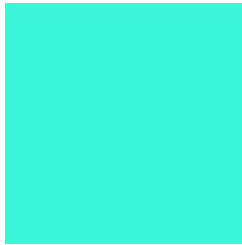
39, 75.356, 32.327



8, 30.159, 18.470

Previews

White Background



This preview shows how the CIE LCh color 88, 52.024, 178.467 looks on a white background.

Color Contrast Check

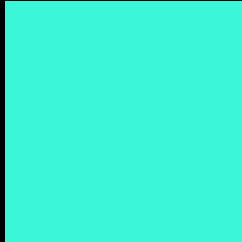
Large Text (above 18pt) WCAG AA × Fail

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, 52.024, 178.467 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

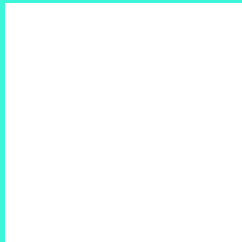
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 52.024, 178.467

Background



This preview shows how black text looks on a background with the CIELCh color 88, 52.024, 178.467.

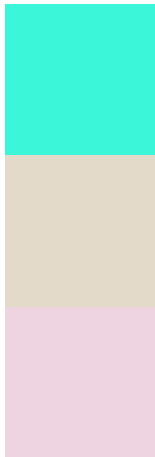


This preview shows how white text looks on a background with the CIELCh color 88, 52.024, 178.467.

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, 51.924, 178.439

Protanopia

87, 9.456, 88.620

Deuteranopia

87, 11.027, 345.609

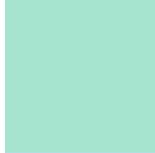


Tritanopia
88, 35.516, 211.938

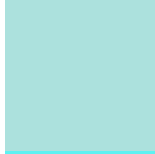
Trichromacy



Original Color
88, 51.924, 178.439



Protanomaly
86, 24.238, 170.671



Deuteranomaly
86, 18.081, 191.476

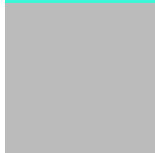


Tritanomaly
88, 40.485, 196.840

Monochromacy



Original Color
88, 51.924, 178.439



Achromatopsia
76, 0.009, 296.813



Achromatomaly
79, 24.105, 183.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 52.024, 178.467 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(59, 246, 216)` looks like.

```
.text, #text, p{  
    color:rgb(59, 246, 216)  
}
```

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(59, 246, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 246, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 52.024, 178.467 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(59, 246, 216) }
```

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

```
.border{ border-color:rgb(59, 246, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 246, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 246, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 246, 216);  
box-shadow:4px 4px 4px 4px rgb(59, 246,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 52.024, 178.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 246, 216) }
```

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

```
.background{ background-color: rgb(59, 246,  
216) }
```

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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