

Converting Colors

CIELCh(78, 8.304, 176.035)

Have a look what the booklet for
CIELCh(78, 8.304, 176.035) contains.

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Color

CIELCh(78, 8.304, 176.035)

Conversions

Conversions Part 1

Format	Color
Hex	B0C5BF
RGB	176, 197, 191
RGB Percent	69%, 77%, 75%
CMY	0.3080, 0.2256, 0.2491
CMYK	0.11, 0.00, 0.03, 0.23
HSL	163°, 15%, 73%
HSV	163°, 11%, 77%
XYZ	47.5372, 53.2120, 57.3252
YIQ	190.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

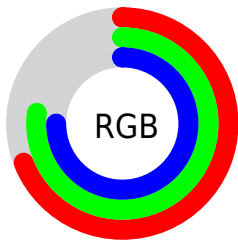
Format	Color
RYB	176, 188, 197
Decimal	11584959
CIELab	78.00, -8.28, 0.57
CIELCh	78, 8.304, 176.035
Yxy	53.2120, 0.3007, 0.3366
Android (android.graphics.Color)	4289775039 (0xFFB0C5BF)
YUV	190.0370, 0.4748, -12.3104
Hunter-Lab	72.9466, -11.3332, 4.4694

Details

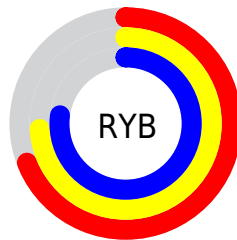
The CIELCh color **78, 8.304, 176.035** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 8.575, 357.911**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 8.465, 173.976**, and **58, 8.197, 178.309** is the 20% darker color. If you saturate the color by 10%, you get **77, 15.939, 175.016**, and if you desaturate by 10%, it is **80, 0.499, 177.849**.

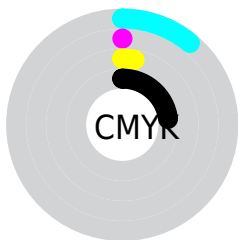
Distribution



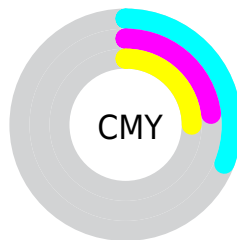
- Red (69%)
- Green (77%)
- Blue (75%)



- Red (69%)
- Yellow (74%)
- Blue (77%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (31%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 8.304, 176.035 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 78, 8.304, 176.035 by changing the saturation by 10% instead.

■ 78, 8.304, 176.035

■ 78, 8.304, 176.035

■ 100, 8.304,
176.035

■ 68, 8.304, 176.035

■ 98, 8.304, 176.035

■ 58, 8.304, 176.035

■ 48, 8.304, 176.035

■ 38, 8.304, 176.035

■ 28, 8.304, 176.035

■ 18, 8.304, 176.035

■ 8, 8.304, 176.035

■ 0, 8.304, 176.035

■ 78, 8.304, 176.035

■ 78, 8.304, 176.035

77, 15.939,
175.016

80, 0.499, 177.849

75, 23.285,
173.946

81, 7.386, 357.692

74, 30.217,
172.787

83, 15.271,
358.548

73, 36.605,
171.515

85, 22.939,
359.164

73, 42.326,
170.108

85, 24.021,
352.525

72, 47.283,
168.539

85, 25.414,
346.562

71, 51.425,
166.787

86, 27.070,
341.305

71, 54.764,
164.839

86, 28.941,
336.723

71, 57.331,

86, 30.988,
332.755

162.894

Harmonies

Complementary

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



78, 8.304, 176.035



74, 8.575, 357.911

Rectangle

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



78, 8.304, 176.035



78, 8.304, 226.035



78, 8.304, 356.035



78, 8.304, 46.035

Sweetspot

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



78, 8.306, 176.028



99, 2.893, 176.874



78, 12.535, 135.290



53, 2.193, 176.758



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 8.306, 176.028



97, 12.460, 175.772



77, 6.363, 219.871



41, 4.457, 176.154



59, 49.521, 163.218



11, 16.516, 168.775

Inverse Universe

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



74, 8.575, 357.911



91, 12.962, 358.190



75, 6.799, 39.206



39, 4.585, 357.776



34, 63.027, 21.792



4, 16.463, 4.930

Previews

White Background



This preview shows how the CIELCh color 78, 8.304, 176.035 looks on a white background.

Color Contrast Check

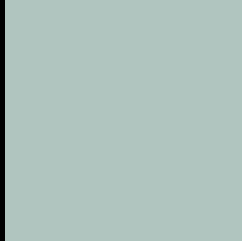
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 8.304, 176.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

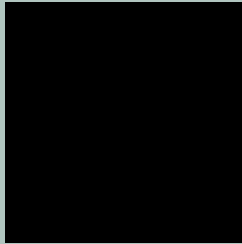
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

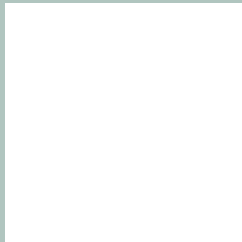
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 8.304, 176.035

Background



This preview shows how black text looks on a background with the CIELCh color 78, 8.304, 176.035.



This preview shows how white text looks on a background with the CIELCh color 78, 8.304, 176.035.

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
78, 8.304, 176.035

Protanopia
78, 2.817, 68.519

Deuteranopia
78, 9.932, 354.733



Tritanopia
78, 9.474, 257.394

Trichromacy



Original Color
78, 8.304, 176.035

Protanomaly
78, 3.062, 138.766

Deuteranomaly
78, 3.384, 351.206

Tritanomaly
78, 7.013, 231.467

Monochromacy



Original Color
78, 8.304, 176.035

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.790, 176.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 8.304, 176.035 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(176, 197, 191)` looks like.

```
.text, #text, p{  
    color:rgb(176, 197, 191)  
}
```

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(176, 197, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 197, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 8.304, 176.035 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(176, 197, 191) }
```

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

```
.border{ border-color:rgb(176, 197, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 197, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 197, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 197, 191);  
box-shadow:4px 4px 4px 4px rgb(176, 197,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 8.304, 176.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 197, 191) }
```

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

```
.background{ background-color: rgb(176,  
197, 191) }
```

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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