

Converting Colors

CIELCh(80, 8.934, 193.089)

Have a look what the booklet for
CIELCh(80, 8.934, 193.089) contains.

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Color

CIELCh(80, 8.886, 195.350)

Conversions

Conversions Part 1

Format	Color
Hex	B2CBCA
RGB	178, 203, 202
RGB Percent	70%, 80%, 79%
CMY	0.3005, 0.2024, 0.2064
CMYK	0.12, 0.00, 0.00, 0.20
HSL	178°, 20%, 75%
HSV	178°, 12%, 80%
XYZ	50.5958, 56.6813, 64.3851
YIQ	195.4110, -14.5790, -5.6110

Conversions

Conversions Part 2

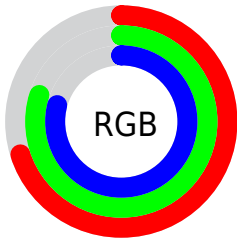
Format	Color
R _Y B	178, 191, 203
Decimal	11717578
CIE Lab	80.00, -8.57, -2.35
CIE LCh	80, 8.886, 195.350
Yxy	56.6813, 0.2947, 0.3302
Android (android.graphics.Color)	4289907658 (0xFFB2CBCA)
YUV	195.4110, 3.2484, -15.2694
Hunter-Lab	75.2870, -11.7933, 1.9963

Details

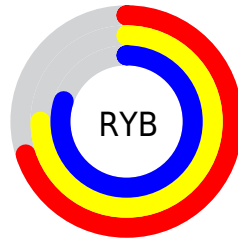
The CIELCh color `80, 8.886, 195.350` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `75, 9.553, 16.934`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 7.186, 199.043`, and `60, 8.957, 194.977` is the 20% darker color. If you saturate the color by 10%, you get `79, 15.674, 194.690`, and if you desaturate by 10%, it is `81, 1.695, 196.246`.

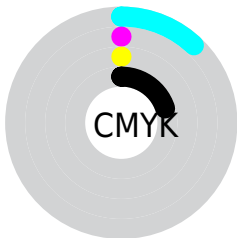
Distribution



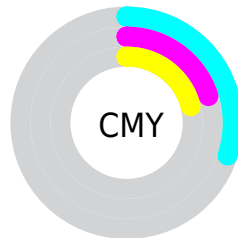
- Red (70%)
- Green (80%)
- Blue (79%)



- Red (70%)
- Yellow (75%)
- Blue (80%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 8.886, 195.350 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 80, 8.886, 195.350 by changing the saturation by 10% instead.

80, 8.886, 195.350

80, 8.886, 195.350

100, 8.886,
195.350

70, 8.886, 195.350

60, 8.886, 195.350

50, 8.886, 195.350

40, 8.886, 195.350

30, 8.886, 195.350

20, 8.886, 195.350

10, 8.886, 195.350

0, 8.886, 195.350

80, 8.886, 195.350

80, 8.886, 195.350

79, 15.674,
194.690

81, 1.695, 196.246

78, 21.939,
194.078

83, 5.792, 16.479

77, 27.559,
193.494

85, 13.481, 17.200

76, 32.421,
192.933

86, 19.467, 17.439

75, 36.435,
192.392

86, 19.466, 16.196

75, 39.542,
191.863

86, 19.474, 14.953

74, 41.735,
191.336

86, 19.492, 13.712

74, 43.069,
190.799

86, 19.519, 12.474

74, 43.669,

Harmonies

Complementary

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



80, 8.886, 195.350



75, 9.553, 16.934

Rectangle

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



80, 8.886, 195.350



80, 8.886, 245.350



80, 8.886, 15.350



80, 8.886, 65.350

Sweetspot

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



80, 8.887, 195.340



99, 3.537, 195.991



79, 16.041, 142.424



53, 2.510, 195.912



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 8.887, 195.340



97, 12.929, 195.146



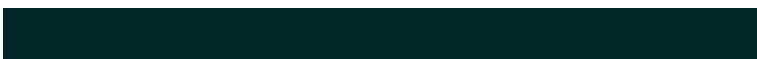
77, 7.663, 251.414



42, 4.138, 195.543



61, 37.490, 190.461



13, 13.855, 191.653

Inverse Universe

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



75, 9.553, 16.934



90, 14.151, 17.201



78, 7.977, 68.369



40, 4.371, 16.676



34, 73.923, 38.179



4, 17.929, 17.427

Previews

White Background



This preview shows how the CIELCh color 80, 8.886, 195.350 looks on a white background.

Color Contrast Check

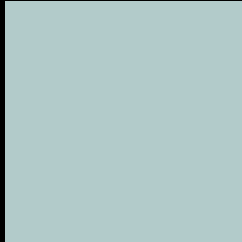
Large Text (above 18pt) WCAG AA × Fail

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 80, 8.886, 195.350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

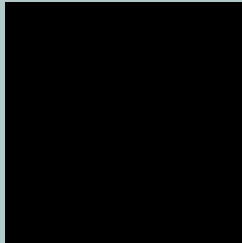
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

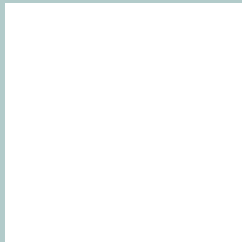
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 8.886, 195.350

Background



This preview shows how black text looks on a background with the CIELCh color 80, 8.886, 195.350.



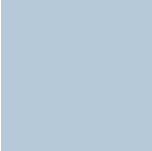
This preview shows how white text looks on a background with the CIELCh color 80, 8.886, 195.350.

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](#).

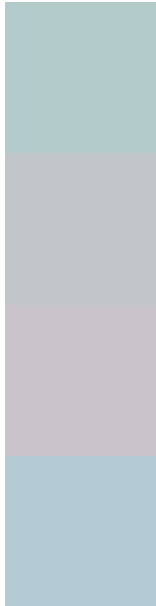
Dichromacy





Tritanopia
80, 10.809, 251.375

Trichromacy



Original Color
80, 8.886, 195.350

Protanomaly
80, 2.231, 213.316

Deuteranomaly
80, 4.663, 313.438

Tritanomaly
80, 9.205, 234.465

Monochromacy



Original Color
80, 8.886, 195.350

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 3.314, 190.054

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 8.886, 195.350 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(178, 203, 202)` looks like.

```
.text, #text, p{  
    color:rgb(178, 203, 202)  
}
```

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(178, 203, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 203, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 8.886, 195.350 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(178, 203, 202) }
```

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

```
.border{ border-color:rgb(178, 203, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 203, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 203, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 203, 202);  
box-shadow:4px 4px 4px 4px rgb(178, 203,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 8.886, 195.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 203, 202) }
```

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

```
.background{ background-color: rgb(178,  
203, 202) }
```

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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