

Converting Colors

CIELCh(80, 8.504, 171.714)

Have a look what the booklet for
CIELCh(80, 8.504, 171.714) contains.

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Color

CIELCh(80, 8.501, 172.798)

Conversions

Conversions Part 1

Format	Color
Hex	B6CBC4
RGB	182, 203, 196
RGB Percent	71%, 80%, 77%
CMY	0.2860, 0.2037, 0.2311
CMYK	0.10, 0.00, 0.03, 0.20
HSL	160°, 17%, 76%
HSV	160°, 10%, 80%
XYZ	50.6464, 56.6813, 60.5318
YIQ	195.9230, -10.2690, -6.6290

Conversions

Conversions Part 2

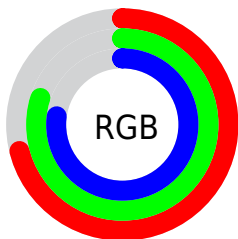
Format	Color
RYB	182, 195, 203
Decimal	11979716
CIELab	80.00, -8.43, 1.07
CIELCh	80, 8.501, 172.798
Yxy	56.6813, 0.3017, 0.3377
Android (android.graphics.Color)	4290169796 (0xFFB6CBC4)
YUV	195.9230, 0.0380, -12.2105
Hunter-Lab	75.2870, -11.6733, 5.0309

Details

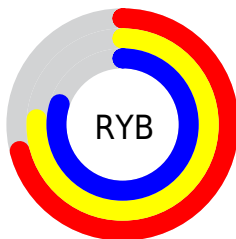
The CIELCh color $80, 8.501, 172.798$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 8.730, 354.608$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 5.964, 189.291$, and $60, 8.650, 171.422$ is the 20% darker color. If you saturate the color by 10%, you get $79, 16.587, 171.776$, and if you desaturate by 10%, it is $82, 0.279, 175.343$.

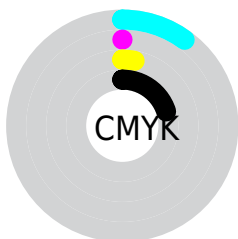
Distribution



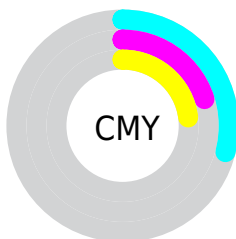
- Red (71%)
- Green (80%)
- Blue (77%)



- Red (71%)
- Yellow (76%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 8.501, 172.798 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, 8.501, 172.798 by changing the saturation by 10% instead.

80, 8.501, 172.798

80, 8.501, 172.798

100, 8.501,
172.798

70, 8.501, 172.798

60, 8.501, 172.798

50, 8.501, 172.798

40, 8.501, 172.798

30, 8.501, 172.798

20, 8.501, 172.798

10, 8.501, 172.798

0, 8.501, 172.798

80, 8.501, 172.798

80, 8.501, 172.798

79, 16.587,
171.776

82, 0.279, 175.343

77, 24.417,
170.691

83, 7.987, 354.451

76, 31.860,
169.507

85, 16.219,
355.287

75, 38.778,
168.198

87, 21.630,
352.242

74, 45.041,
166.739

87, 23.380,
344.514

74, 50.542,
165.106

87, 25.515,
338.018

73, 55.220,
163.276

87, 27.946,
332.638

73, 59.079,
161.242

87, 30.598,
328.205

73, 62.197,

88, 32.570,
325.558

Harmonies

Complementary

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



80, 8.501, 172.798



76, 8.730, 354.608

Rectangle

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



80, 8.501, 172.798



80, 8.501, 222.798



80, 8.501, 352.798



80, 8.501, 42.798

Sweetspot

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



80, 8.503, 172.791



99, 2.972, 173.600



80, 12.291, 133.706



53, 2.254, 173.487



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, 8.503, 172.791



98, 11.853, 172.609



79, 6.528, 213.989



42, 4.682, 172.886



60, 53.170, 159.499



12, 18.162, 164.974

Inverse Universe

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



76, 8.730, 354.608



92, 12.224, 354.801



77, 6.976, 33.820



40, 4.797, 354.508



35, 62.475, 17.533



4, 18.704, 3.189

Previews

White Background



This preview shows how the CIELCh color 80, 8.501, 172.798 looks on a white background.

Color Contrast Check

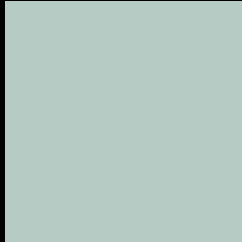
Large Text (above 18pt) WCAG AA × Fail

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, 8.501, 172.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

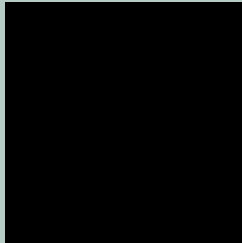
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

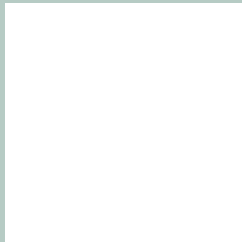
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 8.501, 172.798

Background



This preview shows how black text looks on a background with the CIELCh color 80, 8.501, 172.798.



This preview shows how white text looks on a background with the CIELCh color 80, 8.501, 172.798.

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
80, 8.501, 172.798

Protanopia
80, 3.061, 63.252

Deuteranopia
80, 9.845, 1.312



Tritanopia
80, 9.875, 259.153

Trichromacy



Original Color
80, 8.501, 172.798

Protanomaly
80, 3.047, 138.770

Deuteranomaly
80, 3.005, 9.277

Tritanomaly
80, 7.262, 235.138

Monochromacy



Original Color
80, 8.501, 172.798

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 3.342, 170.757

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 8.501, 172.798 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(182, 203, 196)` looks like.

```
.text, #text, p{  
    color:rgb(182, 203, 196)  
}
```

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(182, 203, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 203, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 8.501, 172.798 is called "border". The border property can be set on classes, ids or directly on the HTML element.

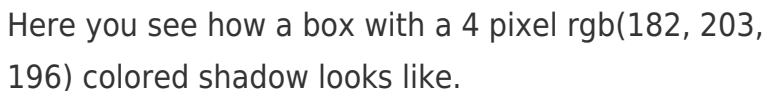
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 203, 196) }
```

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

```
.border{ border-color:rgb(182, 203, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 203, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 203, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 203, 196); box-shadow:4px 4px 4px 4px rgb(182, 203, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 8.501, 172.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 203, 196) }
```

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

```
.background{ background-color: rgb(182,  
203, 196) }
```

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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