

Converting Colors

CIELCh(80, 6.400, 192.863)

Have a look what the booklet for
CIELCh(80, 6.400, 192.863) contains.

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Color

CIELCh(80, 6.473, 194.270)

Conversions

Conversions Part 1

Format	Color
Hex	B8CAC9
RGB	184, 202, 201
RGB Percent	72%, 79%, 79%
CMY	0.2782, 0.2076, 0.2116
CMYK	0.09, 0.00, 0.00, 0.21
HSL	177°, 15%, 76%
HSV	177°, 9%, 79%
XYZ	51.4606, 56.6813, 63.5183
YIQ	196.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

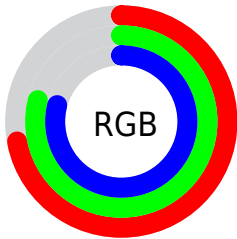
Format	Color
RYB	184, 193, 202
Decimal	12110537
CIELab	80.00, -6.27, -1.60
CIELCh	80, 6.473, 194.270
Yxy	56.6813, 0.2998, 0.3302
Android (android.graphics.Color)	4290300617 (0xFFB8CAC9)
YUV	196.5040, 2.2165, -10.9660
Hunter-Lab	75.2870, -9.7429, 2.6789

Details

The CIELCh color `80, 6.473, 194.270` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76, 6.808, 15.371`, and the grayscale version is `79, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 5.163, 199.206`, and `60, 6.447, 193.819` is the 20% darker color. If you saturate the color by 10%, you get `79, 13.407, 193.541`, and if you desaturate by 10%, it is `82, 0.810, 14.175`.

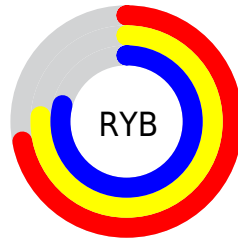
Distribution



Red (72%)

Green (79%)

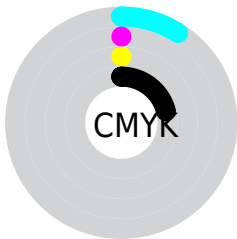
Blue (79%)



Red (72%)

Yellow (76%)

Blue (79%)

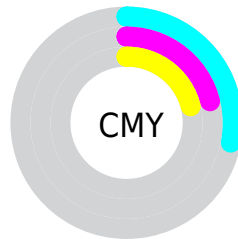


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (21%)



Cyan (28%)

Magenta (21%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 6.473, 194.270 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, 6.473, 194.270 by changing the saturation by 10% instead.

■ 80, 6.473, 194.270

■ 80, 6.473, 194.270

■ 100, 6.473,
194.270

■ 70, 6.473, 194.270

■ 60, 6.473, 194.270

■ 50, 6.473, 194.270

■ 40, 6.473, 194.270

■ 30, 6.473, 194.270

■ 20, 6.473, 194.270

■ 10, 6.473, 194.270

■ 0, 6.473, 194.270

■ 80, 6.473, 194.270

■ 80, 6.473, 194.270

79, 13.407,
193.541

82, 0.810, 14.175

77, 19.874,
192.868

83, 8.341, 15.475

76, 25.753,
192.213

85, 16.032, 16.198

76, 30.926,
191.570

86, 20.021, 14.074

75, 35.292,
190.933

86, 20.057, 12.410

74, 38.777,
190.292

86, 20.110, 10.753

74, 41.353,
189.636

86, 20.181, 9.107

74, 43.047,
188.952

86, 20.269, 7.474

74, 44.012,

Harmonies

Complementary

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



80, 6.473, 194.270



76, 6.808, 15.371

Rectangle

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



80, 6.473, 194.270



80, 6.473, 244.270



80, 6.473, 14.270



80, 6.473, 64.270

Sweetspot

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



80, 6.474, 194.256



99, 2.663, 194.816



80, 11.476, 142.188



53, 2.016, 194.709



0, 0.000, 0.000



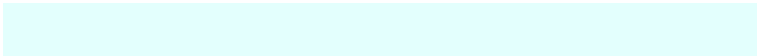
53, 0.007, 296.813

Same Dimension

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



80, 6.474, 194.256



98, 9.606, 194.088



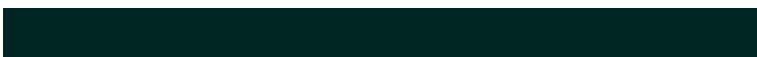
78, 5.487, 249.004



42, 4.149, 194.219



61, 38.039, 188.264



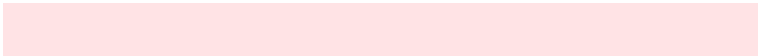
13, 14.008, 189.878

Inverse Universe

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



76, 6.808, 15.371



92, 10.233, 15.576



78, 5.653, 66.822



40, 4.375, 15.416



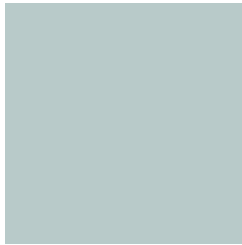
34, 73.310, 37.524



4, 17.943, 16.659

Previews

White Background



This preview shows how the CIELCh color 80, 6.473, 194.270 looks on a white background.

Color Contrast Check

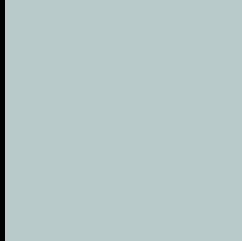
Large Text (above 18pt) WCAG AA × Fail

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, 6.473, 194.270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

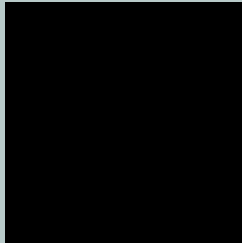
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

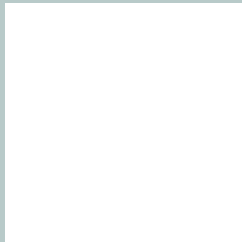
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 6.473, 194.270

Background



This preview shows how black text looks on a background with the CIELCh color 80, 6.473, 194.270.

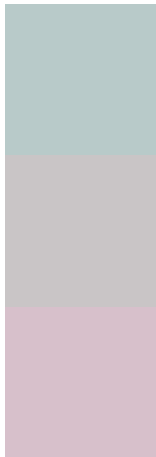


This preview shows how white text looks on a background with the CIELCh color 80, 6.473, 194.270.

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, 6.473, 194.270

Protanopia

80, 1.572, 359.384

Deuteranopia

80, 10.322, 345.715



Tritanopia
80, 9.551, 262.693

Trichromacy



Original Color
80, 6.473, 194.270

Protanomaly
80, 1.455, 199.672

Deuteranomaly
80, 4.361, 332.516

Tritanomaly
80, 7.403, 245.306

Monochromacy



Original Color
80, 6.473, 194.270

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.605, 187.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 6.473, 194.270 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(184, 202, 201)` looks like.

```
.text, #text, p{  
    color:rgb(184, 202, 201)  
}
```

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(184, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 202, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 6.473, 194.270 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(184, 202, 201) }
```

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

```
.border{ border-color:rgb(184, 202, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 202, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(184, 202,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 6.473, 194.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 202, 201) }
```

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

```
.background{ background-color: rgb(184,  
202, 201) }
```

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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