

Converting Colors

CIELCh(80, 6.086, 223.430)

Have a look what the booklet for
CIELCh(80, 6.086, 223.430) contains.

CIELCh(80, 6.214, 224.548)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(80, 6.214, 224.548)

Conversions

Conversions Part 1

Format	Color
Hex	B9C9CE
RGB	185, 201, 206
RGB Percent	73%, 79%, 81%
CMY	0.2737, 0.2109, 0.1913
CMYK	0.10, 0.02, 0.00, 0.19
HSL	194°, 18%, 77%
HSV	194°, 10%, 81%
XYZ	52.1626, 56.6813, 66.7220
YIQ	196.7860, -11.1410, -1.8370

Conversions

Conversions Part 2

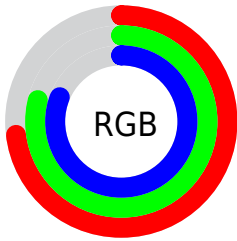
Format	Color
RYB	185, 194, 206
Decimal	12175822
CIELab	80.00, -4.43, -4.36
CIELCh	80, 6.214, 224.548
Yxy	56.6813, 0.2971, 0.3228
Android (android.graphics.Color)	4290365902 (0xFFB9C9CE)
YUV	196.7860, 4.5425, -10.3363
Hunter-Lab	75.2870, -8.0784, 0.1560

Details

The CIELCh color `80, 6.214, 224.548` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 6.605, 43.511`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.823, 199.237`, and `60, 6.196, 226.195` is the 20% darker color. If you saturate the color by 10%, you get `77, 11.991, 225.137`, and if you desaturate by 10%, it is `83, 0.119, 228.545`.

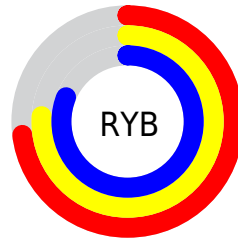
Distribution



Red (73%)

Green (79%)

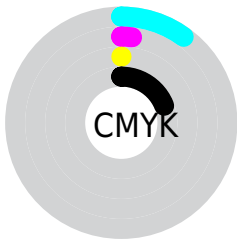
Blue (81%)



Red (73%)

Yellow (76%)

Blue (81%)

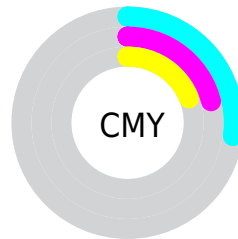


Cyan (10%)

Magenta (2%)

Yellow (0%)

Black (19%)



Cyan (27%)

Magenta (21%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 6.214, 224.548 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, 6.214, 224.548 by changing the saturation by 10% instead.

■ 80, 6.214, 224.548

■ 80, 6.214, 224.548

■ 100, 6.214,
224.548

■ 70, 6.214, 224.548

■ 60, 6.214, 224.548

■ 50, 6.214, 224.548

■ 40, 6.214, 224.548

■ 30, 6.214, 224.548

■ 20, 6.214, 224.548

■ 10, 6.214, 224.548

■ 0, 6.214, 224.548

■ 80, 6.214, 224.548

■ 80, 6.214, 224.548

77, 11.991,
225.137

83, 0.119, 228.545

75, 17.368,
225.992

86, 6.223, 43.540

72, 22.258,
227.136

89, 12.750, 43.349

70, 26.576,
228.634

92, 14.979, 61.967

68, 30.249,
230.570

93, 15.590, 73.135

66, 33.236,
233.033

94, 16.743, 83.071

64, 35.545,
236.111

95, 18.331, 91.463

62, 37.254,
239.866

97, 20.246, 98.350

60, 38.565,

244.099

Harmonies

Complementary

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



80, 6.214, 224.548



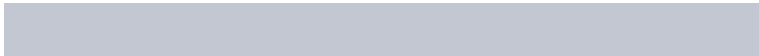
78, 6.605, 43.511

Rectangle

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



80, 6.214, 224.548



80, 6.214, 274.548



80, 6.214, 44.548



80, 6.214, 94.548

Sweetspot

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



80, 6.214, 224.530



99, 2.212, 224.376



81, 11.569, 151.068



53, 1.673, 224.352



0, 0.000, 0.000



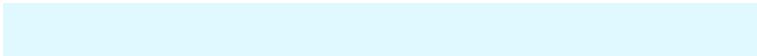
53, 0.007, 296.813

Same Dimension

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



80, 6.214, 224.530



96, 8.656, 224.629



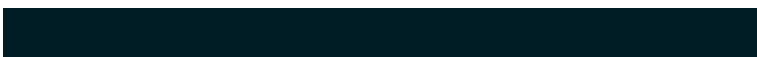
77, 8.464, 277.401



42, 3.437, 224.494



49, 32.667, 243.325



9, 11.766, 232.928

Inverse Universe

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



77, 11.575, 332.517



92, 16.221, 332.651



81, 8.410, 94.860



40, 6.386, 332.462



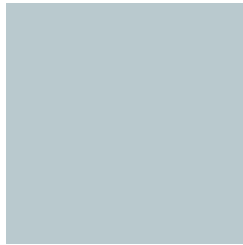
37, 69.825, 340.433



5, 23.899, 337.292

Previews

White Background



This preview shows how the CIELCh color 80, 6.214, 224.548 looks on a white background.

Color Contrast Check

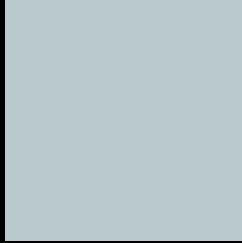
Large Text (above 18pt) WCAG AA × Fail

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, 6.214, 224.548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

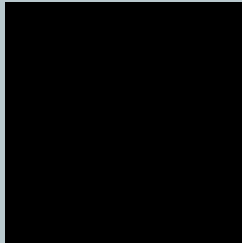
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

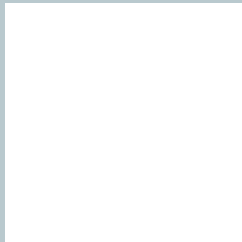
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 6.214, 224.548

Background



This preview shows how black text looks on a background with the CIELCh color 80, 6.214, 224.548.



This preview shows how white text looks on a background with the CIELCh color 80, 6.214, 224.548.

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, 9.551, 262.693

Trichromacy



Original Color
80, 6.214, 224.548

Protanomaly
80, 3.486, 266.129

Deuteranomaly
80, 7.062, 314.882

Tritanomaly
80, 7.967, 252.762

Monochromacy



Original Color
80, 6.214, 224.548

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.231, 213.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 6.214, 224.548 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(185, 201, 206)` looks like.

```
.text, #text, p{  
    color:rgb(185, 201, 206)  
}
```

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(185, 201, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 201, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 6.214, 224.548 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(185, 201, 206) }
```

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

```
.border{ border-color:rgb(185, 201, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 201, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 201, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 201, 206);  
box-shadow:4px 4px 4px 4px rgb(185, 201,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 6.214, 224.548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 201, 206) }
```

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

```
.background{ background-color: rgb(185,  
201, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor