

Converting Colors

CIELCh(80, 6.740, 227.471)

Have a look what the booklet for
CIELCh(80, 6.740, 227.471) contains.

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Color

CIELCh(80, 6.740, 227.471)

Conversions

Conversions Part 1

Format	Color
Hex	B8C9CF
RGB	184, 201, 207
RGB Percent	72%, 79%, 81%
CMY	0.2771, 0.2104, 0.1869
CMYK	0.11, 0.03, 0.00, 0.19
HSL	196°, 19%, 77%
HSV	196°, 11%, 81%
XYZ	52.1139, 56.6813, 67.4407
YIQ	196.6010, -12.0580, -1.7380

Conversions

Conversions Part 2

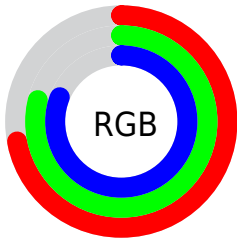
Format	Color
RYB	184, 194, 207
Decimal	12110287
CIELab	80.00, -4.56, -4.97
CIELCh	80, 6.740, 227.471
Yxy	56.6813, 0.2957, 0.3216
Android (android.graphics.Color)	4290300367 (0xFFB8C9CF)
YUV	196.6010, 5.1267, -11.0511
Hunter-Lab	75.2870, -8.1940, -0.4101

Details

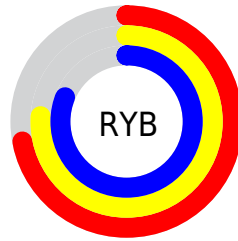
The CIELCh color $80, 6.740, 227.471$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 7.191, 46.131$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 5.163, 199.206$, and $60, 6.754, 229.196$ is the 20% darker color. If you saturate the color by 10%, you get $77, 12.486, 228.207$, and if you desaturate by 10%, it is $83, 0.683, 227.563$.

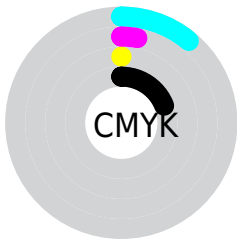
Distribution



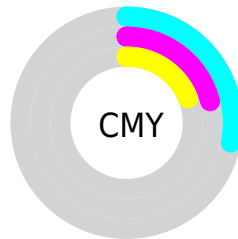
- Red (72%)
- Green (79%)
- Blue (81%)



- Red (72%)
- Yellow (76%)
- Blue (81%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



- Cyan (28%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 6.740, 227.471 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, 6.740, 227.471 by changing the saturation by 10% instead.

■ 80, 6.740, 227.471

■ 80, 6.740, 227.471

■ 100, 6.740,
227.471

■ 70, 6.740, 227.471

■ 60, 6.740, 227.471

■ 50, 6.740, 227.471

■ 40, 6.740, 227.471

■ 30, 6.740, 227.471

■ 20, 6.740, 227.471

■ 10, 6.740, 227.471

■ 0, 6.740, 227.471

■ 80, 6.740, 227.471

■ 80, 6.740, 227.471

77, 12.486,
228.207

83, 0.683, 227.563

74, 17.844,
229.227

86, 5.614, 46.232

72, 22.732,
230.561

89, 12.093, 45.950

69, 27.069,
232.282

92, 14.789, 66.652

67, 30.792,
234.477

94, 15.760, 78.670

65, 33.871,
237.239

95, 17.335, 88.846

63, 36.329,
240.652

96, 19.360, 97.060

98, 21.701,
103.559

61, 38.260,
244.759

59, 39.736,

248.860

Harmonies

Complementary

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



80, 6.740, 227.471



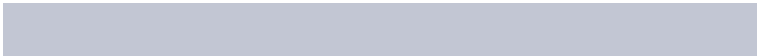
78, 7.191, 46.131

Rectangle

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



80, 6.740, 227.471



80, 6.740, 277.471



80, 6.740, 47.471



80, 6.740, 97.471

Sweetspot

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



80, 6.740, 227.455



99, 2.196, 227.166



81, 12.512, 151.609



53, 1.661, 227.151



0, 0.000, 0.000



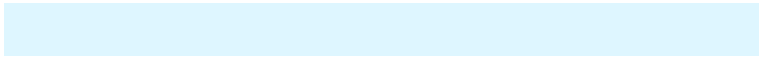
53, 0.007, 296.813

Same Dimension

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



80, 6.740, 227.455



96, 9.294, 227.588



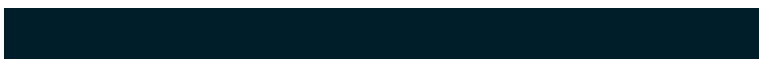
77, 9.447, 278.642



43, 3.484, 227.356



49, 33.865, 248.087



10, 12.367, 237.475

Inverse Universe

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



77, 12.469, 333.449



92, 17.302, 333.593



81, 9.369, 95.904



41, 6.412, 333.331



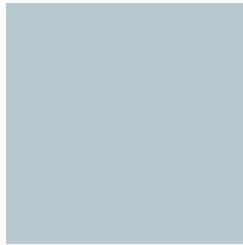
38, 69.491, 341.967



5, 25.439, 338.736

Previews

White Background



This preview shows how the CIELCh color 80, 6.740, 227.471 looks on a white background.

Color Contrast Check

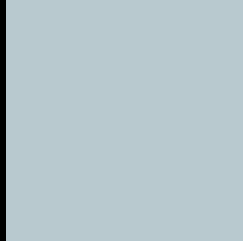
Large Text (above 18pt) WCAG AA × Fail

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, 6.740, 227.471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

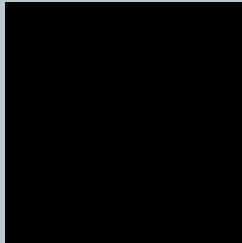
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

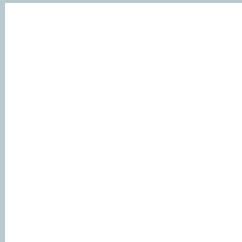
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 6.740, 227.471

Background



This preview shows how black text looks on a background with the CIELCh color 80, 6.740, 227.471.



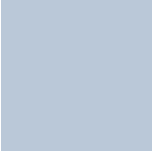
This preview shows how white text looks on a background with the CIELCh color 80, 6.740, 227.471.

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](#).

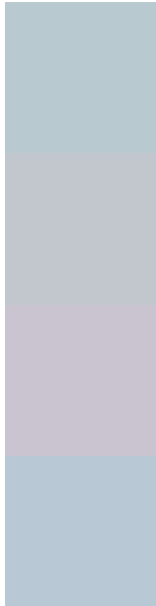
Dichromacy





Tritanopia
80, 9.708, 260.891

Trichromacy



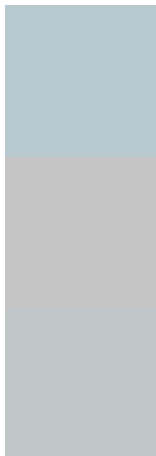
Original Color
80, 6.740, 227.471

Protanomaly
80, 4.112, 264.701

Deuteranomaly
80, 7.417, 310.649

Tritanomaly
80, 8.583, 253.204

Monochromacy



Original Color
80, 6.740, 227.471

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.729, 222.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 6.740, 227.471 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, 201, 207)` looks like.

```
.text, #text, p{  
    color:rgb(184, 201, 207)  
}
```

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, 201, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 201, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 6.740, 227.471 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, 201, 207) }
```

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

```
.border{ border-color:rgb(184, 201, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 201, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 201, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 201, 207);  
box-shadow:4px 4px 4px 4px rgb(184, 201,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 6.740, 227.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 201, 207) }
```

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

```
.background{ background-color: rgb(184,  
201, 207) }
```

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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