

Converting Colors

CIELCh(80, 6.958, 283.755)

Have a look what the booklet for
CIELCh(80, 6.958, 283.755) contains.

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Color

CIELCh(80, 6.993, 282.049)

Conversions

Conversions Part 1

Format	Color
Hex	C3C6D3
RGB	195, 198, 211
RGB Percent	76%, 78%, 83%
CMY	0.2354, 0.2236, 0.1726
CMYK	0.08, 0.06, 0.00, 0.17
HSL	229°, 15%, 80%
HSV	229°, 8%, 83%
XYZ	54.4460, 56.6813, 69.6868
YIQ	198.5850, -5.9610, 3.4070

Conversions

Conversions Part 2

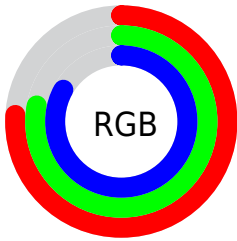
Format	Color
R_{YB}	195, 198, 211
Decimal	12830419
CIE Lab	80.00, 1.46, -6.84
CIE LCh	80, 6.993, 282.049
Yxy	56.6813, 0.3011, 0.3135
Android (android.graphics.Color)	4291020499 (0xFFC3C6D3)
YUV	198.5850, 6.1206, -3.1440
Hunter-Lab	75.2870, -2.6646, -2.1789

Details

The CIELCh color **80, 6.993, 282.049** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 6.916, 100.264**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **60, 7.411, 282.345** is the 20% darker color. If you saturate the color by 10%, you get **74, 16.443, 283.361**, and if you desaturate by 10%, it is **86, 2.183, 100.798**.

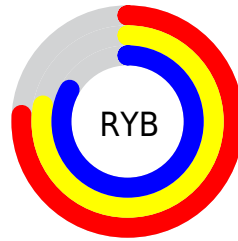
Distribution



Red (76%)

Green (78%)

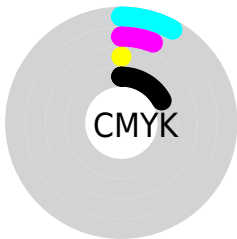
Blue (83%)



Red (76%)

Yellow (78%)

Blue (83%)

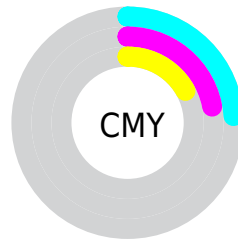


Cyan (8%)

Magenta (6%)

Yellow (0%)

Black (17%)



Cyan (24%)

Magenta (22%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 6.993, 282.049 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, 6.993, 282.049 by changing the saturation by 10% instead.

■ 80, 6.993, 282.049

■ 80, 6.993, 282.049

■ 100, 6.993,
282.049

■ 70, 6.993, 282.049

■ 60, 6.993, 282.049

■ 50, 6.993, 282.049

■ 40, 6.993, 282.049

■ 30, 6.993, 282.049

■ 20, 6.993, 282.049

■ 10, 6.993, 282.049

■ 0, 6.993, 282.049

■ 80, 6.993, 282.049

■ 80, 6.993, 282.049

74, 16.443,
283.361

86, 2.183, 100.798

68, 26.195,
284.921

92, 11.096, 99.869

62, 36.275,
286.746

98, 19.598,
102.565

56, 46.714,
288.869

99, 22.235,
108.493

50, 57.535,
291.306

44, 68.713,
294.030

39, 80.097,
296.948

34, 91.257,
299.870

31, 101.351,

Harmonies

Complementary

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



80, 6.993, 282.049



83, 6.916, 100.264

Rectangle

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



80, 6.993, 282.049



80, 6.993, 332.049



80, 6.993, 102.049



80, 6.993, 152.049

Sweetspot

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



80, 6.991, 282.038



99, 2.141, 281.442



83, 5.993, 182.667



53, 1.217, 281.435



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, 6.991, 282.038



94, 9.696, 282.224



80, 8.741, 302.240



41, 5.205, 282.262



23, 86.356, 302.656



3, 22.264, 288.342

Inverse Universe

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



80, 6.150, 4.802



94, 8.547, 4.965



84, 8.604, 121.378



41, 4.590, 4.998



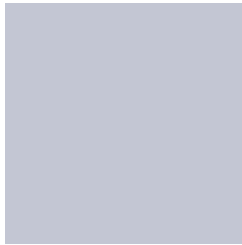
35, 68.380, 29.955



4, 20.187, 10.771

Previews

White Background



This preview shows how the CIELCh color 80, 6.993, 282.049 looks on a white background.

Color Contrast Check

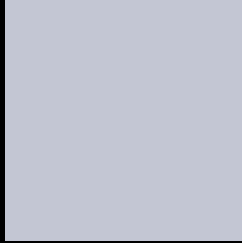
Large Text (above 18pt) WCAG AA × Fail

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, 6.993, 282.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

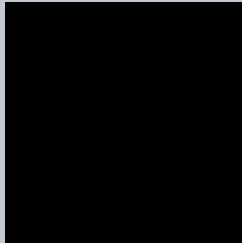
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

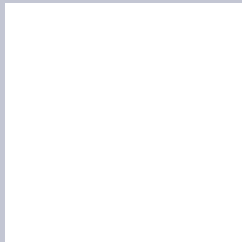
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 6.993, 282.049

Background



This preview shows how black text looks on a background with the CIELCh color 80, 6.993, 282.049.

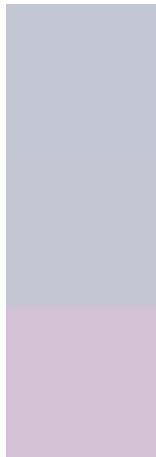


This preview shows how white text looks on a background with the CIELCh color 80, 6.993, 282.049.

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

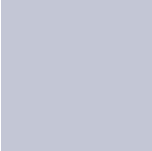
80, 6.993, 282.049

Protanopia

80, 6.949, 293.748

Deuteranopia

80, 12.087, 323.466



Tritanopia
80, 8.046, 283.328

Trichromacy



Original Color
80, 6.993, 282.049

Protanomaly
80, 6.935, 290.807

Deuteranomaly
80, 9.795, 312.410

Tritanomaly
80, 7.519, 282.730

Monochromacy



Original Color
80, 6.993, 282.049

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.161, 280.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 6.993, 282.049 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(195, 198, 211)` looks like.

```
.text, #text, p{  
    color:rgb(195, 198, 211)  
}
```

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(195, 198, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 198, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 6.993, 282.049 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(195, 198, 211) }
```

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

```
.border{ border-color:rgb(195, 198, 211) }
```

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

Here you see how a box with a 4 pixel rgb(195, 198, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 198, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 198, 211);  
box-shadow:4px 4px 4px 4px rgb(195, 198,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 6.993, 282.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 198, 211) }
```

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

```
.background{ background-color: rgb(195,  
198, 211) }
```

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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