

Converting Colors

CIELCh(80, 3.598, 221.342)

Have a look what the booklet for
CIELCh(80, 3.598, 221.342) contains.

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Color

CIELCh(80, 3.583, 225.856)

Conversions

Conversions Part 1

Format	Color
Hex	BFC8CB
RGB	191, 200, 203
RGB Percent	75%, 78%, 80%
CMY	0.2511, 0.2158, 0.2040
CMYK	0.06, 0.01, 0.00, 0.20
HSL	195°, 10%, 77%
HSV	195°, 6%, 80%
XYZ	52.9051, 56.6813, 64.6373
YIQ	197.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

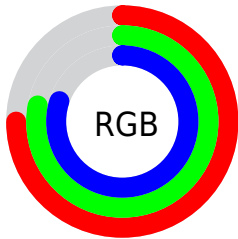
Format	Color
R_{YB}	191, 196, 203
Decimal	12568779
CIE _{Lab}	80.00, -2.50, -2.57
CIE _{LCh}	80, 3.583, 225.856
Yxy	56.6813, 0.3037, 0.3253
Android (android.graphics.Color)	4290758859 (0xFFBFC8CB)
YUV	197.6510, 2.6371, -5.8329
Hunter-Lab	75.2870, -6.3181, 1.7977

Details

The CIELCh color `80, 3.583, 225.856` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `79, 3.703, 44.987`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 2.770, 199.469`, and `60, 3.448, 228.749` is the 20% darker color. If you saturate the color by 10%, you get `77, 9.412, 226.359`, and if you desaturate by 10%, it is `83, 2.521, 44.997`.

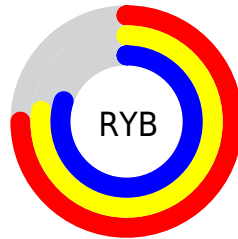
Distribution



Red (75%)

Green (78%)

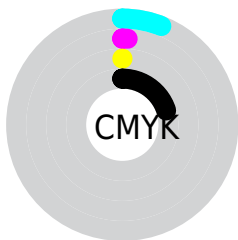
Blue (80%)



Red (75%)

Yellow (77%)

Blue (80%)

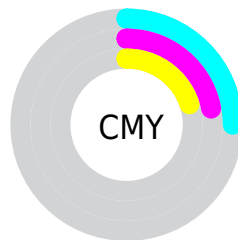


Cyan (6%)

Magenta (1%)

Yellow (0%)

Black (20%)



Cyan (25%)

Magenta (22%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 3.583, 225.856 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, 3.583, 225.856 by changing the saturation by 10% instead.

■ 80, 3.583, 225.856

■ 80, 3.583, 225.856

■ 100, 3.583,
225.856

■ 70, 3.583, 225.856

■ 60, 3.583, 225.856

■ 50, 3.583, 225.856

■ 40, 3.583, 225.856

■ 30, 3.583, 225.856

■ 20, 3.583, 225.856

■ 10, 3.583, 225.856

■ 0, 3.583, 225.856

■ 80, 3.583, 225.856

■ 80, 3.583, 225.856

77, 9.412, 226.359

83, 2.521, 44.997

75, 14.892,
227.174

86, 8.835, 44.808

72, 19.940,
228.263

89, 15.305, 44.591

70, 24.473,
229.687

90, 15.978, 53.948

67, 28.417,
231.525

93, 16.938, 75.672

65, 31.719,
233.866

94, 18.235, 84.941

63, 34.366,
236.801

97, 21.958, 99.200

61, 36.409,
240.404

60, 37.975,
244.690

Harmonies

Complementary

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



80, 3.583, 225.856



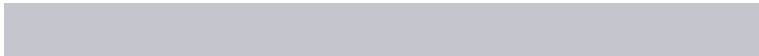
79, 3.703, 44.987

Rectangle

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



80, 3.583, 225.856



80, 3.583, 275.856



80, 3.583, 45.856



80, 3.583, 95.856

Sweetspot

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



80, 3.583, 225.823



99, 1.473, 225.906



81, 6.610, 151.387



53, 0.838, 225.924



0, 0.000, 0.000



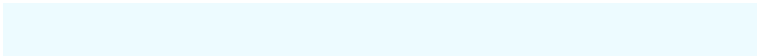
53, 0.007, 296.813

Same Dimension

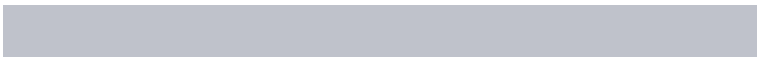
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80, 3.583, 225.823



98, 5.092, 225.864



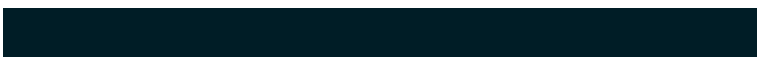
78, 4.830, 276.855



42, 2.751, 225.881



49, 33.058, 245.775



9, 11.798, 235.034

Inverse Universe

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



79, 6.557, 332.660



96, 9.351, 332.745



81, 4.801, 95.358



41, 5.059, 332.775



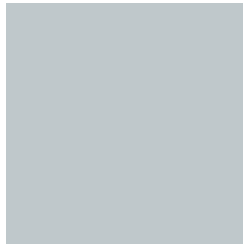
37, 69.251, 341.207



5, 23.671, 337.918

Previews

White Background



This preview shows how the CIELCh color 80, 3.583, 225.856 looks on a white background.

Color Contrast Check

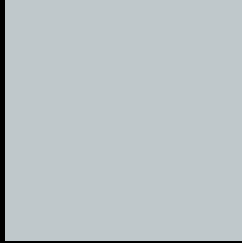
Large Text (above 18pt) WCAG AA × Fail

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, 3.583, 225.856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

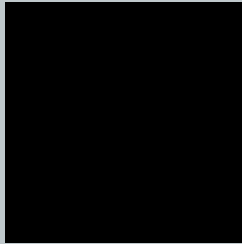
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

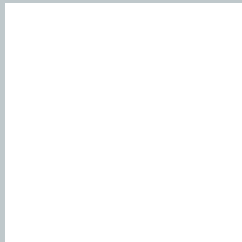
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 3.583, 225.856

Background



This preview shows how black text looks on a background with the CIELCh color 80, 3.583, 225.856.

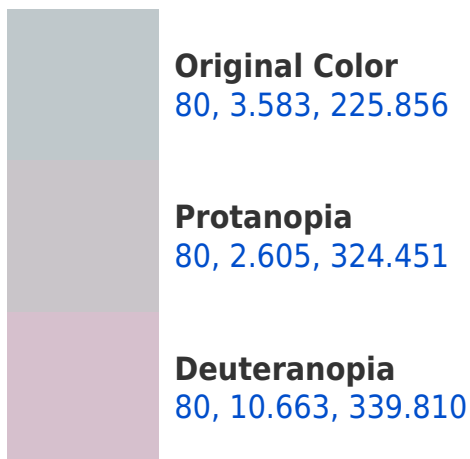


This preview shows how white text looks on a background with the CIELCh color 80, 3.583, 225.856.

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, 8.675, 279.249

Trichromacy



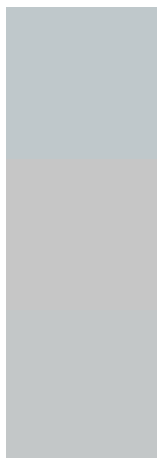
Original Color
80, 3.583, 225.856

Protanomaly
80, 2.163, 280.755

Deuteranomaly
80, 6.289, 330.176

Tritanomaly
80, 6.321, 267.602

Monochromacy



Original Color
80, 3.583, 225.856

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 1.541, 219.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 3.583, 225.856 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(191, 200, 203)` looks like.

```
.text, #text, p{  
    color:rgb(191, 200, 203)  
}
```

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(191, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 200, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 3.583, 225.856 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(191, 200, 203) }
```

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

```
.border{ border-color:rgb(191, 200, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 200, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 200, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 200, 203); box-shadow:4px 4px 4px 4px rgb(191, 200, 203) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 3.583, 225.856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 200, 203) }
```

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

```
.background{ background-color: rgb(191,  
200, 203) }
```

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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