

Converting Colors

CIELCh(79, 8.150, 253.182)

Have a look what the booklet for
CIELCh(79, 8.150, 253.182) contains.

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Color

CIELCh(79, 8.189, 250.838)

Conversions

Conversions Part 1

Format	Color
Hex	B7C6D2
RGB	183, 198, 210
RGB Percent	72%, 78%, 82%
CMY	0.2835, 0.2246, 0.1776
CMYK	0.13, 0.06, 0.00, 0.18
HSL	207°, 23%, 77%
HSV	207°, 13%, 82%
XYZ	51.1864, 54.9284, 68.6876
YIQ	194.8830, -12.7920, 0.5520

Conversions

Conversions Part 2

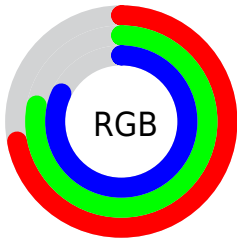
Format	Color
R_{YB}	183, 193, 210
Decimal	12043986
CIE _{Lab}	79.00, -2.69, -7.74
CIE _{LCh}	79, 8.189, 250.838
Yxy	54.9284, 0.2928, 0.3142
Android (android.graphics.Color)	4290234066 (0xFFB7C6D2)
YUV	194.8830, 7.4527, -10.4214
Hunter-Lab	74.1137, -6.4185, -3.0696

Details

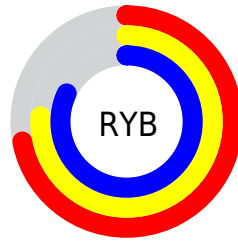
The CIELCh color $79, 8.189, 250.838$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 8.553, 67.661$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 5.502, 199.177$, and $59, 8.404, 253.346$ is the 20% darker color. If you saturate the color by 10%, you get $75, 14.390, 252.348$, and if you desaturate by 10%, it is $83, 1.848, 249.716$.

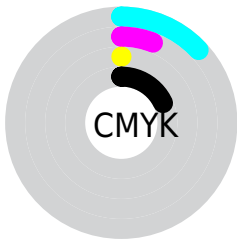
Distribution



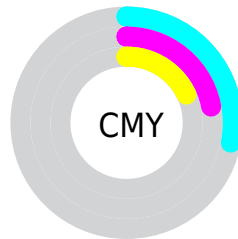
- Red (72%)
- Green (78%)
- Blue (82%)



- Red (72%)
- Yellow (76%)
- Blue (82%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (28%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 8.189, 250.838 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 79, 8.189, 250.838 by changing the saturation by 10% instead.

■ 79, 8.189, 250.838

■ 79, 8.189, 250.838

■ 100, 8.189,
250.838

■ 69, 8.189, 250.838

■ 99, 8.189, 250.838

■ 59, 8.189, 250.838

■ 49, 8.189, 250.838

■ 39, 8.189, 250.838

■ 29, 8.189, 250.838

■ 19, 8.189, 250.838

■ 9, 8.189, 250.838

■ 0, 8.189, 250.838

■ 79, 8.189, 250.838

■ 79, 8.189, 250.838

75, 14.390,
252.348

83, 1.848, 249.716

71, 20.415,
254.199

87, 4.595, 68.312

67, 26.228,
256.435

91, 11.107, 67.454

64, 31.808,
259.125

96, 18.065, 96.018

60, 37.153,
262.330

99, 22.208,
107.166

57, 42.302,
266.086

99, 22.874,
108.444

54, 47.336,
270.373

51, 52.380,
275.083

49, 56.082,

278.483

Harmonies

Complementary

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



79, 8.189, 250.838



80, 8.553, 67.661

Rectangle

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



79, 8.189, 250.838



79, 8.189, 300.838



79, 8.189, 70.838



79, 8.189, 120.838

Sweetspot

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



79, 8.188, 250.826



98, 3.011, 249.789



82, 12.789, 159.221



52, 2.138, 249.855



0, 0.000, 0.000



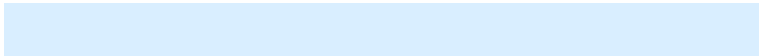
53, 0.007, 296.813

Same Dimension

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



79, 8.188, 250.826



93, 11.157, 251.148



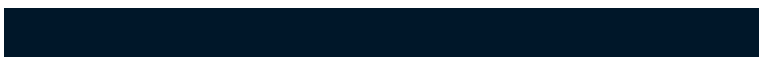
76, 13.596, 288.798



42, 3.614, 250.372



39, 46.953, 277.674



7, 15.018, 266.202

Inverse Universe

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



77, 12.847, 341.771



90, 17.584, 341.972



83, 13.256, 106.052



41, 5.630, 341.470



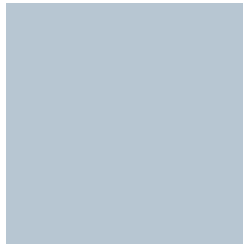
36, 62.997, 356.544



5, 22.439, 350.282

Previews

White Background



This preview shows how the CIELCh color 79, 8.189, 250.838 looks on a white background.

Color Contrast Check

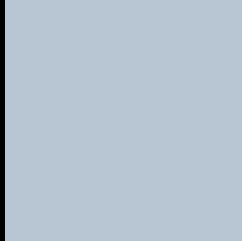
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 79, 8.189, 250.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

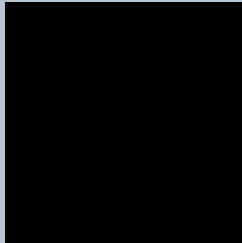
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

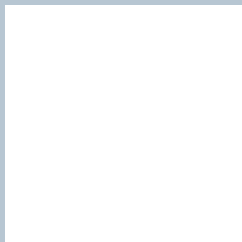
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 8.189, 250.838

Background



This preview shows how black text looks on a background with the CIELCh color 79, 8.189, 250.838.

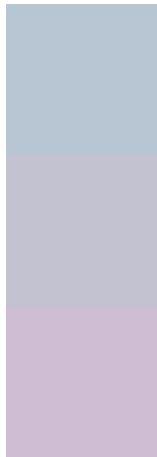


This preview shows how white text looks on a background with the CIELCh color 79, 8.189, 250.838.

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

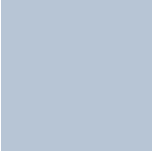
79, 8.189, 250.838

Protanopia

79, 7.503, 293.588

Deuteranopia

79, 12.849, 319.520



Tritanopia
79, 9.734, 260.919

Trichromacy



Original Color
79, 8.189, 250.838

Protanomaly
79, 7.592, 280.097

Deuteranomaly
79, 9.820, 301.483

Tritanomaly
79, 9.282, 259.168

Monochromacy



Original Color
79, 8.189, 250.838

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 2.779, 249.840

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 8.189, 250.838 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(183, 198, 210)` looks like.

```
.text, #text, p{  
    color:rgb(183, 198, 210)  
}
```

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(183, 198, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 198, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 8.189, 250.838 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(183, 198, 210) }
```

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

```
.border{ border-color:rgb(183, 198, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 198, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 198, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 198, 210);  
box-shadow:4px 4px 4px 4px rgb(183, 198,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 8.189, 250.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 198, 210) }
```

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

```
.background{ background-color: rgb(183,  
198, 210) }
```

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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