

Converting Colors

CIELCh(79, 5.843, 211.619)

Have a look what the booklet for
CIELCh(79, 5.843, 211.619) contains.

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Color

CIELCh(79, 5.795, 209.717)

Conversions

Conversions Part 1

Format	Color
Hex	B7C7C9
RGB	183, 199, 201
RGB Percent	72%, 78%, 79%
CMY	0.2836, 0.2209, 0.2130
CMYK	0.09, 0.01, 0.00, 0.21
HSL	187°, 14%, 75%
HSV	187°, 9%, 79%
XYZ	50.3063, 54.9284, 63.0100
YIQ	194.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

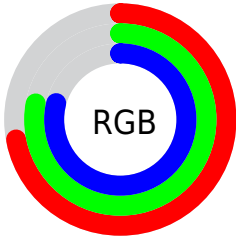
Format	Color
RYB	183, 191, 201
Decimal	12044233
CIELab	79.00, -5.03, -2.87
CIELCh	79, 5.795, 209.717
Yxy	54.9284, 0.2990, 0.3265
Android (android.graphics.Color)	4290234313 (0xFFB7C7C9)
YUV	194.4440, 3.2321, -10.0364
Hunter-Lab	74.1137, -8.5381, 1.4724

Details

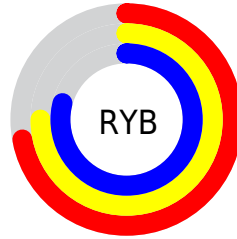
The CIELCh color **79, 5.795, 209.717** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76, 6.139, 29.820**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **99, 5.502, 199.177**, and **59, 5.732, 210.386** is the 20% darker color. If you saturate the color by 10%, you get **77, 11.909, 209.611**, and if you desaturate by 10%, it is **81, 0.683, 28.916**.

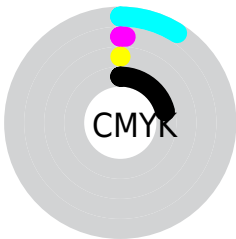
Distribution



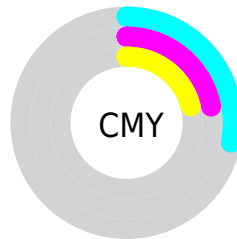
- Red (72%)
- Green (78%)
- Blue (79%)



- Red (72%)
- Yellow (75%)
- Blue (79%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (28%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 5.795, 209.717 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, 5.795, 209.717 by changing the saturation by 10% instead.

■ 79, 5.795, 209.717

■ 79, 5.795, 209.717

■ 100, 5.795,
209.717

■ 69, 5.795, 209.717

■ 99, 5.795, 209.717

■ 59, 5.795, 209.717

■ 49, 5.795, 209.717

■ 39, 5.795, 209.717

■ 29, 5.795, 209.717

■ 19, 5.795, 209.717

■ 9, 5.795, 209.717

■ 0, 5.795, 209.717

■ 79, 5.795, 209.717

■ 79, 5.795, 209.717

77, 11.909,
209.611

81, 0.683, 28.916

75, 17.559,
209.672

83, 7.438, 29.857

74, 22.638,
209.885

86, 14.395, 30.146

72, 27.043,
210.280

88, 17.884, 35.879

71, 30.679,
210.893

88, 17.438, 40.134

70, 33.478,
211.766

89, 17.095, 44.584

68, 35.412,
212.946

89, 16.861, 49.186

68, 36.511,
214.473

90, 16.740, 53.882

67, 36.933,

Harmonies

Complementary

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



79, 5.795, 209.717



76, 6.139, 29.820

Rectangle

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



79, 5.795, 209.717



79, 5.795, 259.717



79, 5.795, 29.717



79, 5.795, 79.717

Sweetspot

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



79, 5.796, 209.699



99, 2.390, 209.949



79, 10.955, 146.754



53, 1.808, 209.880



0, 0.000, 0.000



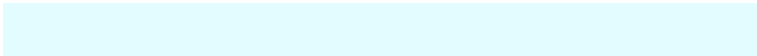
53, 0.007, 296.813

Same Dimension

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



79, 5.796, 209.699



97, 8.585, 209.664



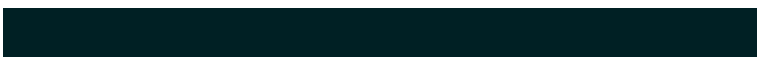
77, 6.302, 266.652



41, 3.635, 209.691



55, 31.740, 216.207



10, 11.697, 211.373

Inverse Universe

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



76, 10.894, 328.099



93, 16.252, 328.232



79, 6.348, 84.246



39, 6.841, 328.124



38, 75.925, 333.155



4, 24.293, 331.013

Previews

White Background



This preview shows how the CIELCh color 79, 5.795, 209.717 looks on a white background.

Color Contrast Check

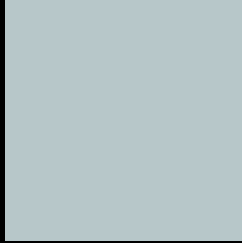
Large Text (above 18pt) WCAG AA × Fail

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 79, 5.795, 209.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

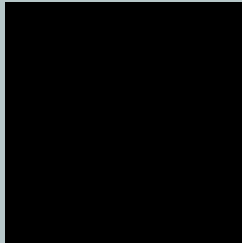
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

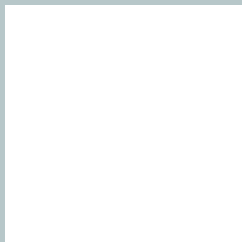
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 5.795, 209.717

Background



This preview shows how black text looks on a background with the CIELCh color 79, 5.795, 209.717.

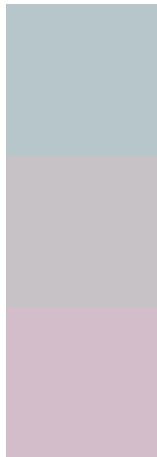


This preview shows how white text looks on a background with the CIELCh color 79, 5.795, 209.717.

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, 5.795, 209.717

Protanopia

79, 2.612, 324.454

Deuteranopia

79, 11.040, 337.706



Tritanopia
79, 8.957, 262.969

Trichromacy



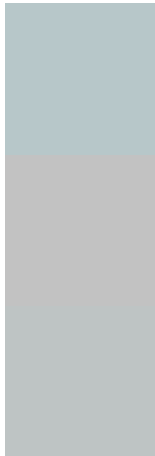
Original Color
79, 5.795, 209.717

Protanomaly
79, 2.149, 247.898

Deuteranomaly
79, 5.658, 321.571

Tritanomaly
79, 7.187, 247.318

Monochromacy



Original Color
79, 5.795, 209.717

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 2.184, 199.485

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 5.795, 209.717 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, 199, 201)` looks like.

```
.text, #text, p{  
    color:rgb(183, 199, 201)  
}
```

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, 199, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 199, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 5.795, 209.717 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, 199, 201) }
```

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

```
.border{ border-color:rgb(183, 199, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 199, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 199, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 199, 201);  
box-shadow:4px 4px 4px 4px rgb(183, 199,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 5.795, 209.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 199, 201) }
```

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

```
.background{ background-color: rgb(183,  
199, 201) }
```

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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