

Converting Colors

CIELCh(79, 4.644, 199.254)

Have a look what the booklet for
CIELCh(79, 4.644, 199.254) contains.

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Color

CIELCh(79, 4.686, 199.163)

Conversions

Conversions Part 1

Format	Color
Hex	B9C6C6
RGB	185, 198, 198
RGB Percent	73%, 78%, 78%
CMY	0.2736, 0.2226, 0.2226
CMYK	0.07, 0.00, 0.00, 0.22
HSL	180°, 10%, 75%
HSV	180°, 7%, 78%
XYZ	50.5330, 54.9284, 61.5085
YIQ	194.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

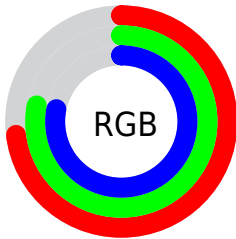
Format	Color
RYB	185, 192, 198
Decimal	12175046
CIELab	79.00, -4.43, -1.54
CIELCh	79, 4.686, 199.163
Yxy	54.9284, 0.3026, 0.3290
Android (android.graphics.Color)	4290365126 (0xFFB9C6C6)
YUV	194.1130, 1.9163, -7.9921
Hunter-Lab	74.1137, -7.9922, 2.6735

Details

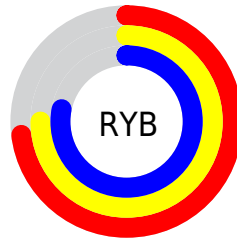
The CIELCh color $79, 4.686, 199.163$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 4.883, 19.676$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.823, 199.237$, and $59, 4.570, 199.057$ is the 20% darker color. If you saturate the color by 10%, you get $78, 11.521, 198.555$, and if you desaturate by 10%, it is $81, 2.512, 19.361$.

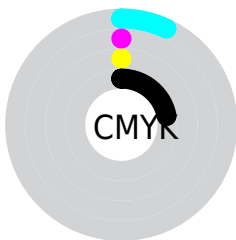
Distribution



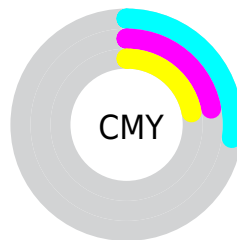
- Red (73%)
- Green (78%)
- Blue (78%)



- Red (73%)
- Yellow (75%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 4.686, 199.163 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, 4.686, 199.163 by changing the saturation by 10% instead.

■ 79, 4.686, 199.163

■ 79, 4.686, 199.163

■ 100, 4.686,
199.163

■ 69, 4.686, 199.163

■ 99, 4.686, 199.163

■ 59, 4.686, 199.163

■ 49, 4.686, 199.163

■ 39, 4.686, 199.163

■ 29, 4.686, 199.163

■ 19, 4.686, 199.163

■ 9, 4.686, 199.163

■ 0, 4.686, 199.163

■ 79, 4.686, 199.163

■ 79, 4.686, 199.163

78, 11.521,
198.555

81, 2.512, 19.361

76, 17.878,
198.064

82, 9.976, 20.106

75, 23.643,
197.633

84, 17.620, 20.732

75, 28.704,
197.262

85, 21.634, 21.046

74, 32.961,
196.956

85, 21.634, 21.040

73, 36.347,
196.714

85, 21.634, 21.033

73, 38.833,
196.538

85, 21.634, 21.027

73, 40.441,
196.424

85, 21.634, 21.020

73, 41.269,

Harmonies

Complementary

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



79, 4.686, 199.163



76, 4.883, 19.676

Rectangle

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



79, 4.686, 199.163



79, 4.686, 249.163



79, 4.686, 19.163



79, 4.686, 69.163

Sweetspot

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



79, 4.687, 199.143



100, 1.770, 199.647



79, 8.440, 143.662



53, 1.006, 199.672



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, 4.687, 199.143



99, 6.985, 199.037



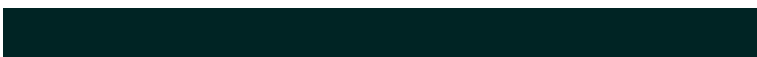
77, 4.118, 254.498



41, 4.034, 198.958



61, 35.895, 196.349



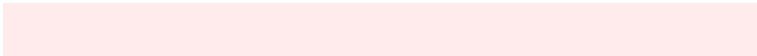
12, 12.985, 196.357

Inverse Universe

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



76, 4.883, 19.676



94, 7.349, 19.803



78, 4.180, 72.725



39, 4.279, 19.903



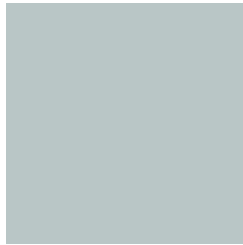
34, 74.634, 39.766



3, 15.885, 19.392

Previews

White Background



This preview shows how the CIELCh color 79, 4.686, 199.163 looks on a white background.

Color Contrast Check

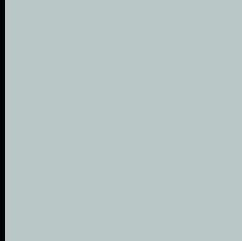
Large Text (above 18pt) WCAG AA × Fail

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, 4.686, 199.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

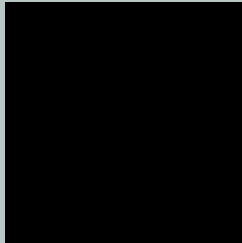
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

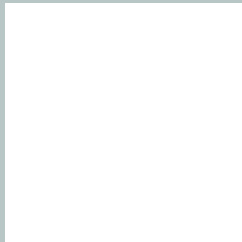
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 4.686, 199.163

Background



This preview shows how black text looks on a background with the CIELCh color 79, 4.686, 199.163.



This preview shows how white text looks on a background with the CIELCh color 79, 4.686, 199.163.

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](#).

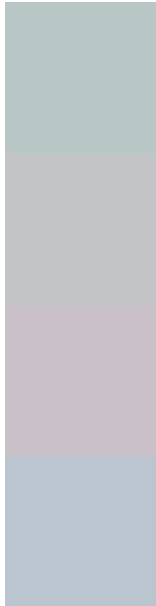
Dichromacy





Tritanopia
79, 9.047, 270.550

Trichromacy



Original Color
79, 4.686, 199.163

Protanomaly
79, 0.902, 236.351

Deuteranomaly
79, 5.271, 334.555

Tritanomaly
79, 6.543, 254.151

Monochromacy



Original Color
79, 4.686, 199.163

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 1.822, 199.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 4.686, 199.163 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(185, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(185, 198, 198)  
}
```

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(185, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 198, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 4.686, 199.163 is called "border". The border property can be set on classes, ids or directly on the HTML element.

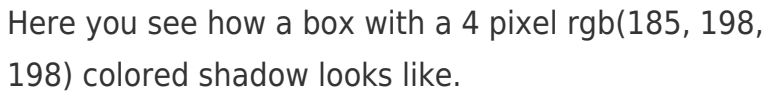
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 198, 198) }
```

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

```
.border{ border-color:rgb(185, 198, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 198, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 198, 198); box-shadow:4px 4px 4px 4px rgb(185, 198, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 4.686, 199.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 198, 198) }
```

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

```
.background{ background-color: rgb(185,  
198, 198) }
```

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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