

Converting Colors

CIELCh(78, 5.752, 199.056)

Have a look what the booklet for
CIELCh(78, 5.752, 199.056) contains.

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Color

CIELCh(78, 5.756, 199.056)

Conversions

Conversions Part 1

Format	Color
Hex	B4C4C4
RGB	180, 196, 196
RGB Percent	71%, 77%, 77%
CMY	0.2938, 0.2311, 0.2311
CMYK	0.08, 0.00, 0.00, 0.23
HSL	180°, 12%, 74%
HSV	180°, 8%, 77%
XYZ	48.5663, 53.2120, 59.9778
YIQ	191.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

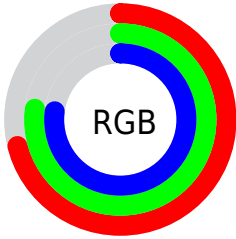
Format	Color
RYB	180, 188, 196
Decimal	11846852
CIELab	78.00, -5.44, -1.88
CIELCh	78, 5.756, 199.056
Yxy	53.2120, 0.3002, 0.3290
Android (android.graphics.Color)	4290036932 (0xFFB4C4C4)
YUV	191.2160, 2.3585, -9.8364
Hunter-Lab	72.9466, -8.8150, 2.3134

Details

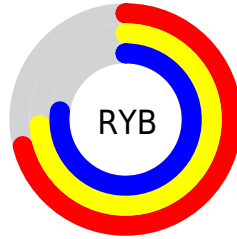
The CIELCh color **78, 5.756, 199.056** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 6.058, 19.810**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 5.848, 199.145**, and **58, 5.696, 198.924** is the 20% darker color. If you saturate the color by 10%, you get **77, 12.462, 198.478**, and if you desaturate by 10%, it is **79, 1.327, 19.084**.

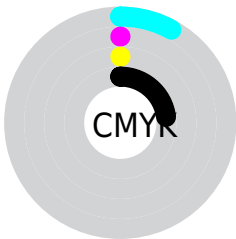
Distribution



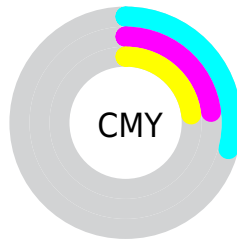
- Red (71%)
- Green (77%)
- Blue (77%)



- Red (71%)
- Yellow (74%)
- Blue (77%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



- Cyan (29%)
- Magenta (23%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 5.756, 199.056 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 78, 5.756, 199.056 by changing the saturation by 10% instead.

■ 78, 5.756, 199.056

■ 78, 5.756, 199.056

■ 100, 5.756,
199.056

■ 68, 5.756, 199.056

■ 98, 5.756, 199.056

■ 58, 5.756, 199.056

■ 48, 5.756, 199.056

■ 38, 5.756, 199.056

■ 28, 5.756, 199.056

■ 18, 5.756, 199.056

■ 8, 5.756, 199.056

■ 0, 5.756, 199.056

■ 78, 5.756, 199.056

■ 78, 5.756, 199.056

77, 12.462,
198.478

79, 1.327, 19.084

76, 18.678,
197.997

81, 8.689, 20.008

75, 24.288,
197.576

83, 16.241, 20.636

74, 29.184,
197.216

84, 22.535, 21.147

73, 33.273,
196.920

84, 22.535, 21.143

73, 36.490,
196.690

84, 22.535, 21.138

72, 38.816,
196.524

84, 22.535, 21.133

72, 40.282,
196.419

84, 22.535, 21.128

72, 41.021,

84, 22.535, 21.123

Harmonies

Complementary

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



78, 5.756, 199.056



75, 6.058, 19.810

Rectangle

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



78, 5.756, 199.056



78, 5.756, 249.056



78, 5.756, 19.056



78, 5.756, 69.056

Sweetspot

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



78, 5.757, 199.040



100, 1.770, 199.652



78, 10.420, 143.561



53, 1.006, 199.677



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 5.757, 199.040



98, 8.687, 198.916



76, 5.071, 254.692



40, 3.949, 198.965



60, 35.479, 196.358



11, 12.445, 196.371

Inverse Universe

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



75, 6.058, 19.810



93, 9.259, 19.968



77, 5.175, 72.552



38, 4.187, 19.905



33, 73.720, 39.716



3, 13.999, 19.395

Previews

White Background



This preview shows how the CIELCh color 78, 5.756, 199.056 looks on a white background.

Color Contrast Check

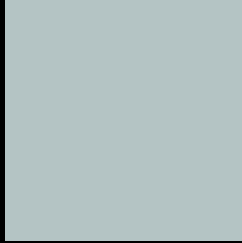
Large Text (above 18pt) WCAG AA × Fail

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 78, 5.756, 199.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

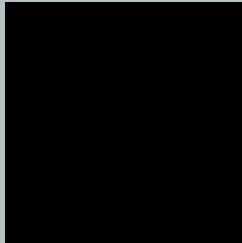
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

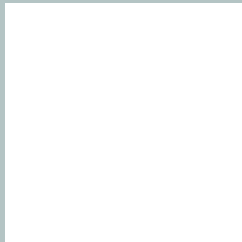
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 5.756, 199.056

Background



This preview shows how black text looks on a background with the CIELCh color 78, 5.756, 199.056.



This preview shows how white text looks on a background with the CIELCh color 78, 5.756, 199.056.

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
78, 8.981, 262.994

Trichromacy



Original Color
78, 5.756, 199.056

Protanomaly
78, 1.216, 225.934

Deuteranomaly
78, 4.794, 328.219

Tritanomaly
78, 6.834, 244.152

Monochromacy



Original Color
78, 5.756, 199.056

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 2.190, 199.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 5.756, 199.056 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(180, 196, 196)` looks like.

```
.text, #text, p{  
    color:rgb(180, 196, 196)  
}
```

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(180, 196, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 196, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 5.756, 199.056 is called "border". The border property can be set on classes, ids or directly on the HTML element.

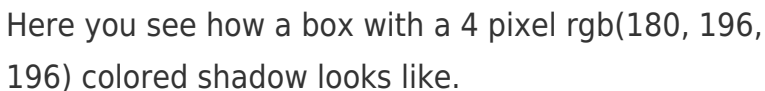
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 196, 196) }
```

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

```
.border{ border-color:rgb(180, 196, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 196, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 196, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 196, 196);  
box-shadow:4px 4px 4px 4px rgb(180, 196,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 5.756, 199.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 196, 196) }
```

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

```
.background{ background-color: rgb(180,  
196, 196) }
```

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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