

Converting Colors

CIELCh(78, 6.739, 215.914)

Have a look what the booklet for
CIELCh(78, 6.739, 215.914) contains.

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Color

CIELCh(78, 6.706, 217.698)

Conversions

Conversions Part 1

Format	Color
Hex	B2C4C8
RGB	178, 196, 200
RGB Percent	70%, 77%, 78%
CMY	0.3013, 0.2307, 0.2151
CMYK	0.11, 0.02, 0.00, 0.22
HSL	191°, 17%, 74%
HSV	191°, 11%, 78%
XYZ	48.6153, 53.2120, 62.4490
YIQ	191.0740, -12.0120, -2.5720

Conversions

Conversions Part 2

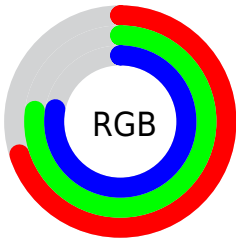
Format	Color
R_{YB}	178, 188, 200
Decimal	11715784
CIE _{Lab}	78.00, -5.31, -4.10
CIE _{LCh}	78, 6.706, 217.698
Yxy	53.2120, 0.2959, 0.3239
Android (android.graphics.Color)	4289905864 (0xFFB2C4C8)
YUV	191.0740, 4.4005, -11.4659
Hunter-Lab	72.9466, -8.6950, 0.3049

Details

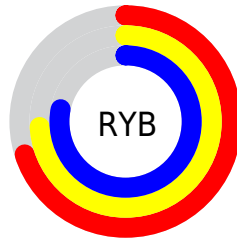
The CIELCh color **78, 6.706, 217.698** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 7.190, 37.196**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 6.561, 208.066**, and **58, 6.697, 218.821** is the 20% darker color. If you saturate the color by 10%, you get **76, 12.441, 217.999**, and if you desaturate by 10%, it is **80, 0.621, 218.268**.

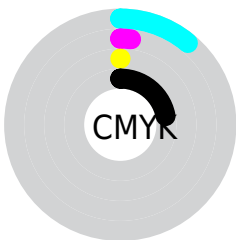
Distribution



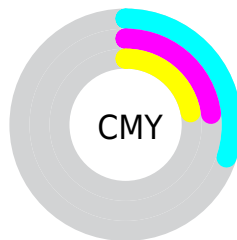
- Red (70%)
- Green (77%)
- Blue (78%)



- Red (70%)
- Yellow (74%)
- Blue (78%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (30%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 6.706, 217.698 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, 6.706, 217.698 by changing the saturation by 10% instead.

■ 78, 6.706, 217.698

■ 78, 6.706, 217.698

■ 100, 6.706,
217.698

■ 68, 6.706, 217.698

■ 98, 6.706, 217.698

■ 58, 6.706, 217.698

■ 48, 6.706, 217.698

■ 38, 6.706, 217.698

■ 28, 6.706, 217.698

■ 18, 6.706, 217.698

■ 8, 6.706, 217.698

■ 0, 6.706, 217.698

■ 78, 6.706, 217.698

■ 78, 6.706, 217.698

76, 12.441,
217.999

80, 0.621, 218.268

74, 17.735,
218.519

83, 5.735, 37.186

71, 22.493,
219.271

86, 12.293, 37.215

70, 26.620,
220.311

89, 17.214, 45.524

68, 30.036,
221.702

90, 16.926, 53.046

66, 32.687,
223.522

91, 16.943, 60.679

65, 34.568,
225.846

91, 17.261, 68.148

63, 35.738,
228.743

92, 17.864, 75.210

62, 36.373,

231.779

Harmonies

Complementary

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



78, 6.706, 217.698



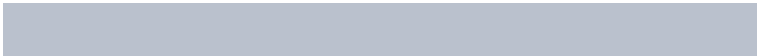
75, 7.190, 37.196

Rectangle

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



78, 6.706, 217.698



78, 6.706, 267.698



78, 6.706, 37.698



78, 6.706, 87.698

Sweetspot

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



78, 6.706, 217.682



99, 2.273, 217.710



79, 12.796, 148.710



53, 1.719, 217.664



0, 0.000, 0.000



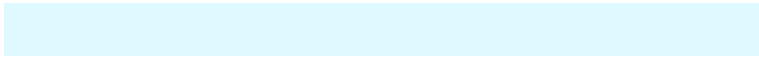
53, 0.007, 296.813

Same Dimension

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



78, 6.706, 217.682



96, 9.597, 217.734



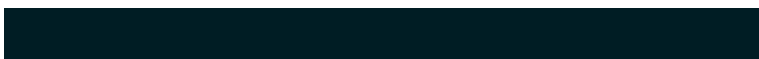
75, 8.282, 272.600



41, 3.457, 217.653



51, 31.238, 231.195



9, 11.230, 222.996

Inverse Universe

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



75, 12.695, 330.544



92, 18.298, 330.685



78, 8.290, 89.736



39, 6.509, 330.440



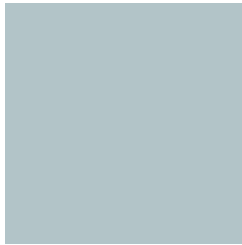
37, 71.937, 336.963



4, 22.816, 334.130

Previews

White Background



This preview shows how the CIELCh color 78, 6.706, 217.698 looks on a white background.

Color Contrast Check

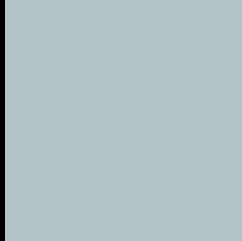
Large Text (above 18pt) WCAG AA × Fail

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, 6.706, 217.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

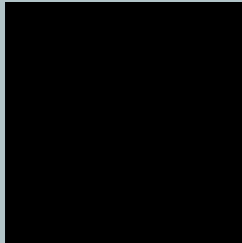
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

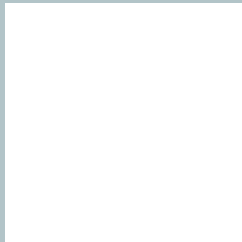
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 6.706, 217.698

Background



This preview shows how black text looks on a background with the CIELCh color 78, 6.706, 217.698.

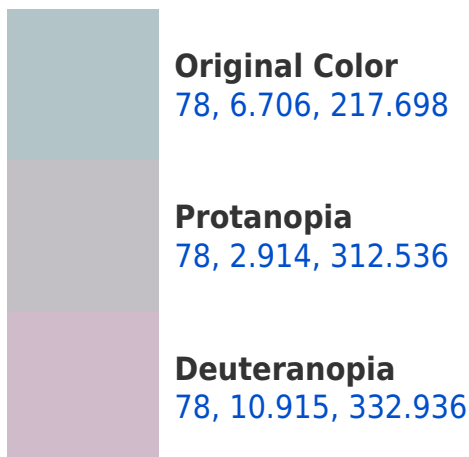


This preview shows how white text looks on a background with the CIELCh color 78, 6.706, 217.698.

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, 9.474, 257.394

Trichromacy



Original Color
78, 6.706, 217.698

Protanomaly
78, 2.785, 249.843

Deuteranomaly
78, 6.458, 313.884

Tritanomaly
78, 8.045, 246.379

Monochromacy



Original Color
78, 6.706, 217.698

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 2.595, 211.347

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 6.706, 217.698 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(178, 196, 200)` looks like.

```
.text, #text, p{  
    color:rgb(178, 196, 200)  
}
```

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(178, 196, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 196, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 6.706, 217.698 is called "border". The border property can be set on classes, ids or directly on the HTML element.

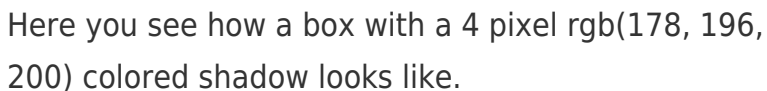
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 196, 200) }
```

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

```
.border{ border-color:rgb(178, 196, 200) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 196, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 196, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 196, 200); box-shadow:4px 4px 4px 4px rgb(178, 196, 200) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 6.706, 217.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 196, 200) }
```

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

```
.background{ background-color: rgb(178,  
196, 200) }
```

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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