

Converting Colors

CIE LCh(78, 6.701, 208.358)

Have a look what the booklet for
CIELCh(78, 6.701, 208.358) contains.

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Color

CIELCh(78, 6.497, 208.519)

Conversions

Conversions Part 1

Format	Color
Hex	B2C4C6
RGB	178, 196, 198
RGB Percent	70%, 77%, 78%
CMY	0.3008, 0.2301, 0.2223
CMYK	0.10, 0.01, 0.00, 0.22
HSL	186°, 15%, 74%
HSV	186°, 10%, 78%
XYZ	48.4686, 53.2120, 61.3297
YIQ	190.8460, -11.3700, -3.1940

Conversions

Conversions Part 2

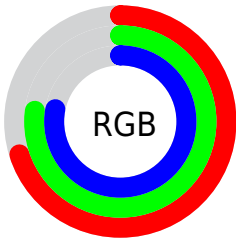
Format	Color
R_YB	178, 187, 198
Decimal	11715782
CIE Lab	78.00, -5.71, -3.10
CIE LCh	78, 6.497, 208.519
Yxy	53.2120, 0.2973, 0.3264
Android (android.graphics.Color)	4289905862 (0xFFB2C4C6)
YUV	190.8460, 3.5269, -11.2659
Hunter-Lab	72.9466, -9.0539, 1.2146

Details

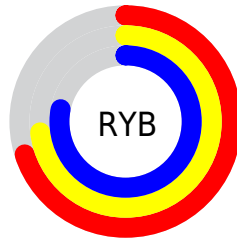
The CIELCh color **78, 6.497, 208.519** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 6.935, 28.780**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 6.561, 208.066**, and **58, 6.468, 209.031** is the 20% darker color. If you saturate the color by 10%, you get **76, 12.562, 208.381**, and if you desaturate by 10%, it is **80, 0.059, 218.045**.

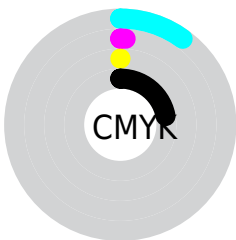
Distribution



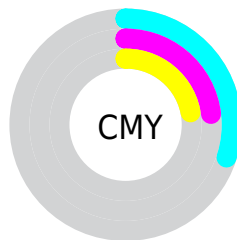
- Red (70%)
- Green (77%)
- Blue (78%)



- Red (70%)
- Yellow (73%)
- Blue (78%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 6.497, 208.519 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, 6.497, 208.519 by changing the saturation by 10% instead.

■ 78, 6.497, 208.519

■ 78, 6.497, 208.519

■ 100, 6.497,
208.519

■ 68, 6.497, 208.519

■ 98, 6.497, 208.519

■ 58, 6.497, 208.519

■ 48, 6.497, 208.519

■ 38, 6.497, 208.519

■ 28, 6.497, 208.519

■ 18, 6.497, 208.519

■ 8, 6.497, 208.519

■ 0, 6.497, 208.519

■ 78, 6.497, 208.519

■ 78, 6.497, 208.519

76, 12.562,
208.381

80, 0.059, 218.045

74, 18.150,
208.396

82, 6.668, 28.739

73, 23.156,
208.554

84, 13.602, 29.067

71, 27.476,
208.883

86, 19.659, 29.779

70, 31.017,
209.415

87, 19.126, 33.061

69, 33.715,
210.189

87, 18.660, 36.520

68, 35.549,
211.243

88, 18.268, 40.142

67, 36.555,
212.614

88, 17.953, 43.906

67, 36.926,

Harmonies

Complementary

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



78, 6.497, 208.519



75, 6.935, 28.780

Rectangle

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



78, 6.497, 208.519



78, 6.497, 258.519



78, 6.497, 28.519



78, 6.497, 78.519

Sweetspot

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



78, 6.498, 208.504



99, 2.412, 208.806



78, 12.357, 146.183



53, 1.825, 208.733



0, 0.000, 0.000



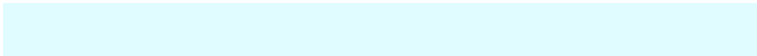
53, 0.007, 296.813

Same Dimension

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



78, 6.498, 208.504



97, 9.426, 208.464



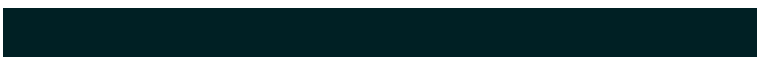
75, 6.905, 265.264



41, 3.668, 208.519



56, 31.989, 213.977



10, 11.795, 209.704

Inverse Universe

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



75, 12.239, 327.824



92, 17.877, 327.949



77, 6.982, 82.559



39, 6.894, 327.781



38, 76.581, 332.608



4, 24.532, 330.568

Previews

White Background



This preview shows how the CIELCh color 78, 6.497, 208.519 looks on a white background.

Color Contrast Check

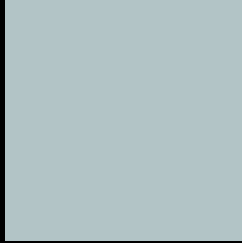
Large Text (above 18pt) WCAG AA × Fail

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 78, 6.497, 208.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

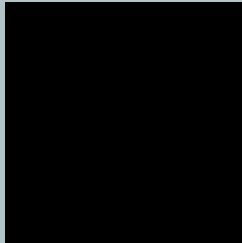
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

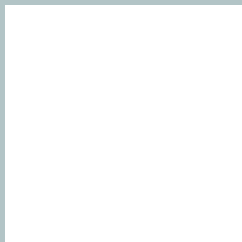
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 6.497, 208.519

Background



This preview shows how black text looks on a background with the CIELCh color 78, 6.497, 208.519.



This preview shows how white text looks on a background with the CIELCh color 78, 6.497, 208.519.

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

78, 6.497, 208.519

Protanopia

78, 2.427, 317.302

Deuteranopia

78, 10.435, 338.468



Tritanopia
78, 9.474, 257.394

Trichromacy



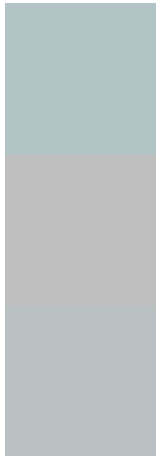
Original Color
78, 6.497, 208.519

Protanomaly
78, 2.407, 241.432

Deuteranomaly
78, 5.492, 318.300

Tritanomaly
78, 8.045, 246.379

Monochromacy



Original Color
78, 6.497, 208.519

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, 6.497, 208.519 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(178, 196, 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(178, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 196, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 6.497, 208.519 is called "border". The border property can be set on classes, ids or directly on the HTML element.

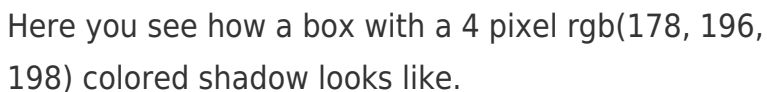
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 196, 198) }
```

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

```
.border{ border-color:rgb(178, 196, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 196, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 196, 198); box-shadow:4px 4px 4px 4px rgb(178, 196, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 6.497, 208.519 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, 198) }
```

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

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