

Converting Colors

CIELCh(77, 4.613, 71.036)

Have a look what the booklet for
CIELCh(77, 4.613, 71.036) contains.

CIELCh(77, 4.793, 70.759)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(77, 4.793, 70.759)

Conversions

Conversions Part 1

Format	Color
Hex	C5BDB6
RGB	197, 189, 182
RGB Percent	77%, 74%, 71%
CMY	0.2282, 0.2595, 0.2870
CMYK	0.00, 0.04, 0.08, 0.23
HSL	28°, 11%, 74%
HSV	28°, 8%, 77%
XYZ	49.5606, 51.5317, 51.4916
YIQ	190.5940, 7.0150, -0.4810

Conversions

Conversions Part 2

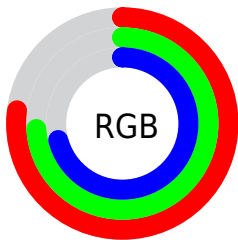
Format	Color
RYB	197, 195, 182
Decimal	12959158
CIELab	77.00, 1.58, 4.53
CIElCh	77, 4.793, 70.759
Yxy	51.5317, 0.3248, 0.3377
Android (android.graphics.Color)	4291149238 (0xFFC5BDB6)
YUV	190.5940, -4.2368, 5.6181
Hunter-Lab	71.7856, -2.3888, 7.7214

Details

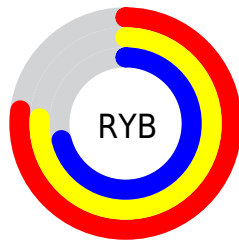
The CIELCh color $77, 4.793, 70.759$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 4.696, 252.770$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.786, 67.553$, and $57, 4.866, 74.206$ is the 20% darker color. If you saturate the color by 10%, you get $74, 11.379, 69.658$, and if you desaturate by 10%, it is $80, 1.470, 252.291$.

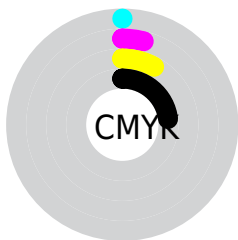
Distribution



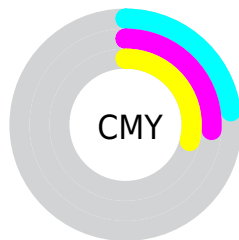
- Red (77%)
- Green (74%)
- Blue (71%)



- Red (77%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (23%)



- Cyan (23%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 4.793, 70.759 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 77, 4.793, 70.759 by changing the saturation by 10% instead.

■ 77, 4.793, 70.759

■ 77, 4.793, 70.759

■ 100, 4.793, 70.759

■ 67, 4.793, 70.759

■ 97, 4.793, 70.759

■ 57, 4.793, 70.759

■ 47, 4.793, 70.759

■ 37, 4.793, 70.759

■ 27, 4.793, 70.759

■ 17, 4.793, 70.759

■ 7, 4.793, 70.759

■ 0, 4.793, 70.759

■ 77, 4.793, 70.759

■ 77, 4.793, 70.759

74, 11.379, 69.658

80, 1.470, 252.291

71, 18.315, 68.491

83, 7.443, 253.215

68, 25.620, 67.318

87, 13.158,
254.298

65, 33.291, 66.146

90, 16.498,
248.909

62, 41.273, 64.969

59, 49.420, 63.748

93, 15.974,
225.070

56, 57.398, 62.385

95, 18.031,
203.622

54, 64.550, 60.666

52, 70.002, 58.299

96, 19.067,
198.246

Harmonies

Complementary

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



77, 4.793, 70.759



76, 4.696, 252.770

Rectangle

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



77, 4.793, 70.759



77, 4.793, 120.759



77, 4.793, 250.759



77, 4.793, 300.759

Sweetspot

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



77, 4.794, 70.786



99, 1.525, 71.208



75, 7.075, 342.452



53, 0.867, 71.203



0, 0.000, 0.000



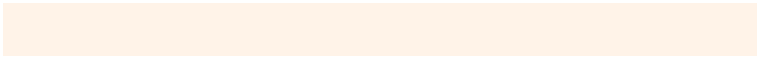
53, 0.007, 296.813

Same Dimension

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



77, 4.794, 70.786



96, 7.014, 70.622



79, 7.710, 108.064



40, 3.615, 70.595



43, 61.799, 58.331



7, 12.962, 53.582

Inverse Universe

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



76, 4.696, 252.770



96, 6.836, 252.958



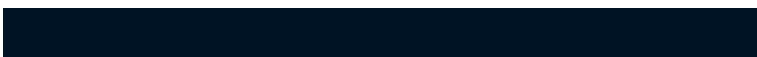
75, 7.844, 289.615



40, 3.520, 252.990



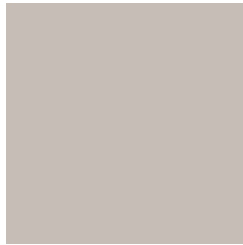
37, 47.945, 280.145



5, 13.490, 267.260

Previews

White Background



This preview shows how the CIELCh color 77, 4.793, 70.759 looks on a white background.

Color Contrast Check

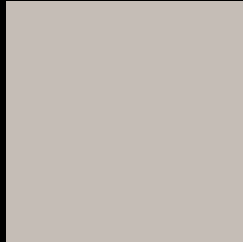
Large Text (above 18pt) WCAG AA × Fail

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 77, 4.793, 70.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

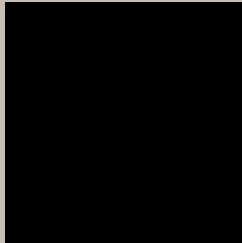
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

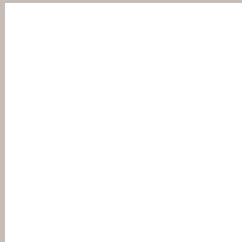
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 4.793, 70.759

Background



This preview shows how black text looks on a background with the CIELCh color 77, 4.793, 70.759.

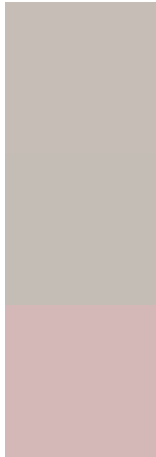


This preview shows how white text looks on a background with the CIELCh color 77, 4.793, 70.759.

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


77, 4.793, 70.759

Protanopia

77, 4.358, 78.567

Deuteranopia

77, 10.304, 23.156



Tritanopia
77, 9.587, 322.992

Trichromacy



Original Color
77, 4.793, 70.759

Protanomaly
77, 4.564, 74.479

Deuteranomaly
77, 7.758, 31.834

Tritanomaly
77, 5.840, 339.811

Monochromacy



Original Color
77, 4.793, 70.759

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.756, 84.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 4.793, 70.759 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(197, 189, 182)` looks like.

```
.text, #text, p{  
    color:rgb(197, 189, 182)  
}
```

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(197, 189, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 189, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 4.793, 70.759 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(197, 189, 182) }
```

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

```
.border{ border-color:rgb(197, 189, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 189, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 189, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 189, 182);  
box-shadow:4px 4px 4px 4px rgb(197, 189,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 4.793, 70.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 189, 182) }
```

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

```
.background{ background-color: rgb(197,  
189, 182) }
```

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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