

Converting Colors

CIELCh(77, 5.557, 74.315)

Have a look what the booklet for
CIELCh(77, 5.557, 74.315) contains.

CIELCh(77, 5.673, 77.411)	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, 5.673, 77.411)

Conversions

Conversions Part 1

Format	Color
Hex	C5BDB4
RGB	197, 189, 180
RGB Percent	77%, 74%, 71%
CMY	0.2276, 0.2590, 0.2943
CMYK	0.00, 0.04, 0.09, 0.23
HSL	32°, 13%, 74%
HSV	32°, 9%, 77%
XYZ	49.4340, 51.5317, 50.4954
YIQ	190.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

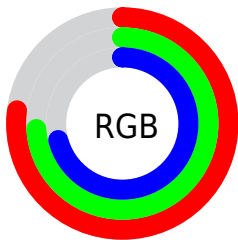
Format	Color
RYB	195, 197, 180
Decimal	12959156
CIELab	77.00, 1.24, 5.54
CIElCh	77, 5.673, 77.411
Yxy	51.5317, 0.3264, 0.3402
Android (android.graphics.Color)	4291149236 (0xFFC5BDB4)
YUV	190.3660, -5.1104, 5.8180
Hunter-Lab	71.7856, -2.7037, 8.5442

Details

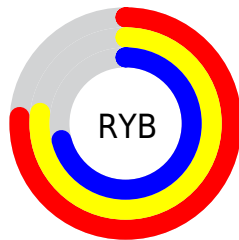
The CIELCh color $77, 5.673, 77.411$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 5.587, 259.748$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 5.589, 74.473$, and $57, 5.838, 80.457$ is the 20% darker color. If you saturate the color by 10%, you get $74, 12.509, 76.201$, and if you desaturate by 10%, it is $80, 0.891, 259.110$.

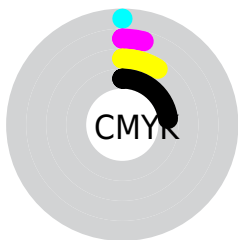
Distribution



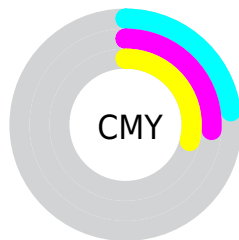
- Red (77%)
- Green (74%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 5.673, 77.411 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, 5.673, 77.411 by changing the saturation by 10% instead.

 77, 5.673, 77.411  77, 5.673, 77.411

 100, 5.673, 77.411  67, 5.673, 77.411

 97, 5.673, 77.411  57, 5.673, 77.411

 47, 5.673, 77.411

 37, 5.673, 77.411

 27, 5.673, 77.411

 17, 5.673, 77.411

 7, 5.673, 77.411

 0, 5.673, 77.411

 77, 5.673, 77.411

 77, 5.673, 77.411

74, 12.509, 76.201

80, 0.891, 259.110

71, 19.632, 74.921

83, 7.208, 259.972

69, 27.047, 73.615

86, 13.302,
261.106

66, 34.728, 72.285

89, 17.574,
258.747

63, 42.594, 70.918

61, 50.452, 69.472

91, 15.907,
238.991

58, 57.910, 67.848

93, 16.323,
217.902

56, 64.264, 65.840

54, 68.831, 63.247

96, 18.624,
200.173

96, 19.026,
198.249

Harmonies

Complementary

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



77, 5.673, 77.411



76, 5.587, 259.748

Rectangle

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



77, 5.673, 77.411



77, 5.673, 127.411



77, 5.673, 257.411



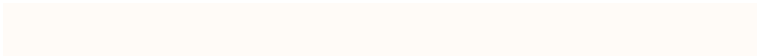
77, 5.673, 307.411

Sweetspot

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



77, 5.674, 77.433



99, 2.399, 78.014



75, 7.761, 345.232



53, 1.823, 77.951



0, 0.000, 0.000



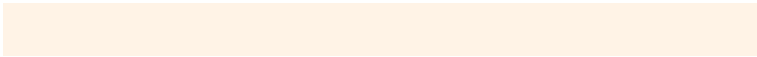
53, 0.007, 296.813

Same Dimension

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



77, 5.674, 77.433



96, 8.133, 77.252



79, 9.035, 110.028



40, 3.764, 77.343



45, 60.274, 63.463



8, 12.994, 61.135

Inverse Universe

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



76, 5.587, 259.748



95, 7.979, 259.955



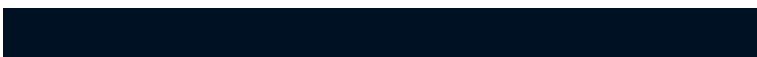
74, 9.221, 291.693



40, 3.699, 259.850



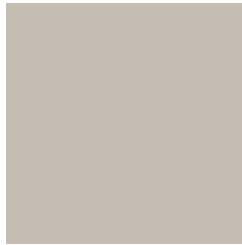
34, 54.321, 286.405



5, 14.500, 272.727

Previews

White Background



This preview shows how the CIELCh color 77, 5.673, 77.411 looks on a white background.

Color Contrast Check

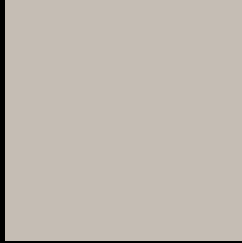
Large Text (above 18pt) WCAG AA × Fail

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, 5.673, 77.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

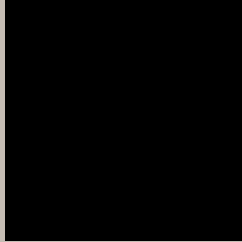
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

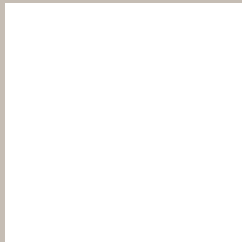
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 5.673, 77.411

Background



This preview shows how black text looks on a background with the CIELCh color 77, 5.673, 77.411.

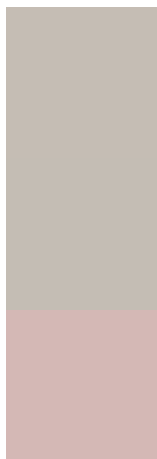


This preview shows how white text looks on a background with the CIELCh color 77, 5.673, 77.411.

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, 5.673, 77.411

Protanopia

77, 5.480, 80.792

Deuteranopia

77, 10.845, 28.683



Tritanopia
77, 9.141, 324.795

Trichromacy



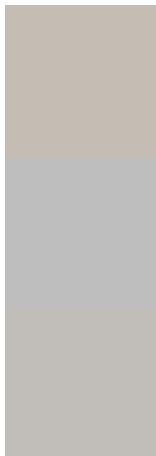
Original Color
77, 5.673, 77.411

Protanomaly
77, 5.480, 80.792

Deuteranomaly
77, 8.445, 38.351

Tritanomaly
77, 5.512, 344.072

Monochromacy



Original Color
77, 5.673, 77.411

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.400, 82.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 5.673, 77.411 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(197, 189, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 189, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 5.673, 77.411 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, 180) }
```

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

```
.border{ border-color:rgb(197, 189, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 189, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 189, 180);  
box-shadow:4px 4px 4px 4px rgb(197, 189,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 5.673, 77.411 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, 180) }
```

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

```
.background{ background-color: rgb(197,  
189, 180) }
```

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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