

Converting Colors

CIELCh(77, 5.905, 72.386)

Have a look what the booklet for
CIELCh(77, 5.905, 72.386) contains.

CIELCh(77, 5.885, 74.258)	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, 5.885, 74.258)

Conversions

Conversions Part 1

Format	Color
Hex	C6BDB4
RGB	198, 189, 180
RGB Percent	78%, 74%, 71%
CMY	0.2246, 0.2599, 0.2952
CMYK	0.00, 0.05, 0.09, 0.22
HSL	30°, 14%, 74%
HSV	30°, 9%, 78%
XYZ	49.5670, 51.5317, 50.3706
YIQ	190.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

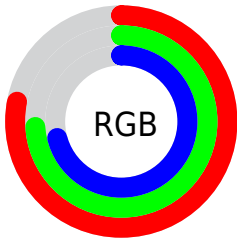
Format	Color
RYB	198, 198, 180
Decimal	13024692
CIELab	77.00, 1.60, 5.66
CIELCh	77, 5.885, 74.258
Yxy	51.5317, 0.3272, 0.3402
Android (android.graphics.Color)	4291214772 (0xFFC6BDB4)
YUV	190.6650, -5.2578, 6.4328
Hunter-Lab	71.7856, -2.3731, 8.6473

Details

The CIELCh color $77, 5.885, 74.258$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 5.764, 256.678$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 5.805, 71.549$, and $57, 6.048, 77.063$ is the 20% darker color. If you saturate the color by 10%, you get $74, 12.646, 73.080$, and if you desaturate by 10%, it is $80, 0.577, 256.184$.

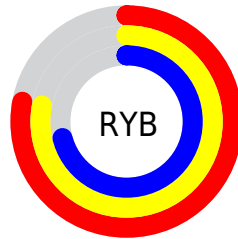
Distribution



Red (78%)

Green (74%)

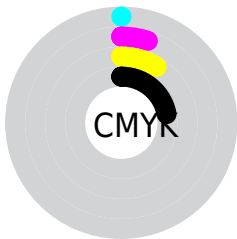
Blue (71%)



Red (78%)

Yellow (78%)

Blue (71%)

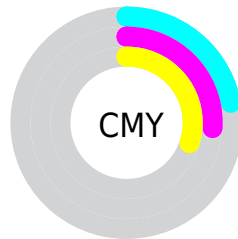


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 5.885, 74.258 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, 5.885, 74.258 by changing the saturation by 10% instead.

 77, 5.885, 74.258

 77, 5.885, 74.258

 100, 5.885, 74.258

 67, 5.885, 74.258

 97, 5.885, 74.258

 57, 5.885, 74.258

 47, 5.885, 74.258

 37, 5.885, 74.258

 27, 5.885, 74.258

 17, 5.885, 74.258

 7, 5.885, 74.258

 0, 5.885, 74.258

 77, 5.885, 74.258

 77, 5.885, 74.258

74, 12.646, 73.080

80, 0.577, 256.184

71, 19.728, 71.841

83, 6.768, 256.784

68, 27.139, 70.586

86, 12.716,
257.901

65, 34.862, 69.318

89, 16.858,
254.995

63, 42.822, 68.024

60, 50.833, 66.658

92, 15.610,
232.853

58, 58.504, 65.114

94, 16.769,
210.852

55, 65.115, 63.166

53, 70.005, 60.628

96, 18.792,
198.264

Harmonies

Complementary

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



77, 5.885, 74.258



76, 5.764, 256.678

Rectangle

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



77, 5.885, 74.258



77, 5.885, 124.258



77, 5.885, 254.258



77, 5.885, 304.258

Sweetspot

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



77, 5.886, 74.280



99, 2.347, 74.889



75, 8.306, 344.358



53, 1.784, 74.831



0, 0.000, 0.000



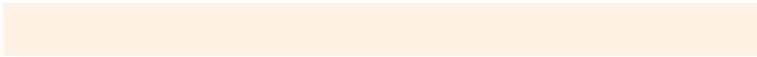
53, 0.007, 296.813

Same Dimension

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



77, 5.886, 74.280



96, 8.788, 74.039



79, 9.555, 109.303



40, 3.687, 74.247



44, 60.925, 60.991



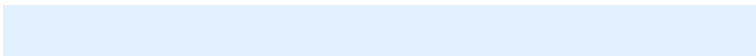
7, 12.953, 57.487

Inverse Universe

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



76, 5.764, 256.678



94, 8.556, 256.959



74, 9.761, 291.113



40, 3.608, 256.716



35, 51.264, 283.633



5, 14.023, 270.327

Previews

White Background



This preview shows how the CIELCh color 77, 5.885, 74.258 looks on a white background.

Color Contrast Check

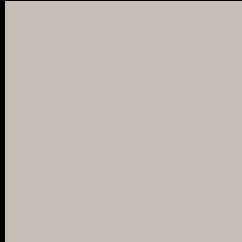
Large Text (above 18pt) WCAG AA × Fail

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, 5.885, 74.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

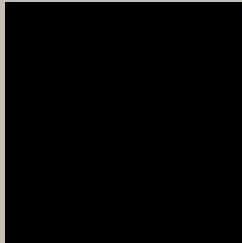
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 5.885, 74.258

Background



This preview shows how black text looks on a background with the CIELCh color 77, 5.885, 74.258.

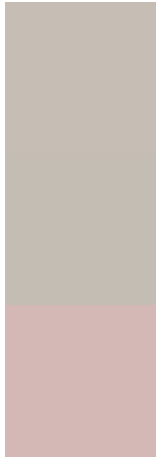


This preview shows how white text looks on a background with the CIELCh color 77, 5.885, 74.258.

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, 5.885, 74.258

Protanopia

77, 5.480, 80.792

Deuteranopia

77, 10.845, 28.683



Tritanopia
77, 9.352, 326.675

Trichromacy



Original Color
77, 5.885, 74.258

Protanomaly
77, 5.673, 77.411

Deuteranomaly
77, 8.445, 38.351

Tritanomaly
77, 5.817, 346.257

Monochromacy



Original Color
77, 5.885, 74.258

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, 5.885, 74.258 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(198, 189, 180)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 189, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 189, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 5.885, 74.258 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(198, 189, 180) }
```

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

```
.border{ border-color:rgb(198, 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(198, 189, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 189, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 189, 180);  
box-shadow:4px 4px 4px 4px rgb(198, 189,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 5.885, 74.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 189, 180) }
```

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

```
.background{ background-color: rgb(198,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor