

Converting Colors

CIELCh(77, 7.894, 74.827)

Have a look what the booklet for
CIELCh(77, 7.894, 74.827) contains.

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Color

CIELCh(77, 7.886, 73.916)

Conversions

Conversions Part 1

Format	Color
Hex	C8BCB0
RGB	200, 188, 176
RGB Percent	78%, 74%, 69%
CMY	0.2147, 0.2617, 0.3088
CMYK	0.00, 0.06, 0.12, 0.21
HSL	30°, 18%, 74%
HSV	30°, 12%, 79%
XYZ	49.7846, 51.5317, 48.5247
YIQ	190.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

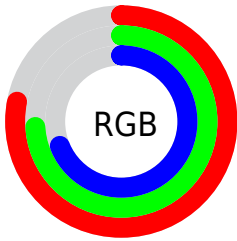
Format	Color
R _Y B	200, 200, 176
Decimal	13155504
CIE Lab	77.00, 2.18, 7.58
CIE LCh	77, 7.886, 73.916
Yxy	51.5317, 0.3322, 0.3439
Android (android.graphics.Color)	4291345584 (0xFFC8BCB0)
YUV	190.2200, -7.0105, 8.5771
Hunter-Lab	71.7856, -1.8319, 10.1718

Details

The CIELCh color $77, 7.886, 73.916$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 7.660, 257.068$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 7.278, 76.553$, and $57, 7.710, 73.591$ is the 20% darker color. If you saturate the color by 10%, you get $74, 14.809, 72.716$, and if you desaturate by 10%, it is $80, 1.273, 74.908$.

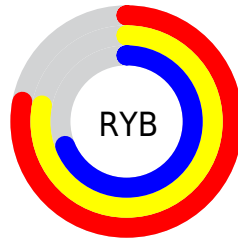
Distribution



Red (78%)

Green (74%)

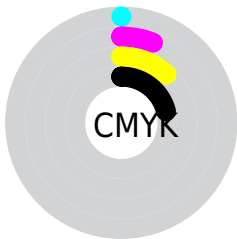
Blue (69%)



Red (78%)

Yellow (78%)

Blue (69%)

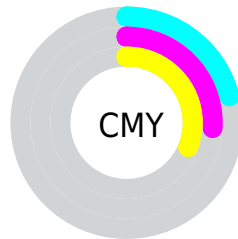


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (21%)



Cyan (21%)

Magenta (26%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 7.886, 73.916 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, 7.886, 73.916 by changing the saturation by 10% instead.

■ 77, 7.886, 73.916 ■ 77, 7.886, 73.916

■ 100, 7.886, 73.916 ■ 67, 7.886, 73.916

■ 97, 7.886, 73.916 ■ 57, 7.886, 73.916

■ 47, 7.886, 73.916

■ 37, 7.886, 73.916

■ 27, 7.886, 73.916

■ 17, 7.886, 73.916

■ 7, 7.886, 73.916

■ 0, 7.886, 73.916

■ 77, 7.886, 73.916 ■ 77, 7.886, 73.916

74, 14.809, 72.716

80, 1.273, 74.908

71, 22.061, 71.470

83, 5.058, 256.459

68, 29.645, 70.211

86, 11.135,
257.574

65, 37.530, 68.936

89, 16.417,
257.230

63, 45.614, 67.627

60, 53.661, 66.223

92, 14.966,
234.173

58, 61.189, 64.588

95, 16.079,
210.887

55, 67.360, 62.455

53, 71.133, 60.379

96, 18.023,
198.313

Harmonies

Complementary

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



77, 7.886, 73.916



76, 7.660, 257.068

Rectangle

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



77, 7.886, 73.916



77, 7.886, 123.916



77, 7.886, 253.916



77, 7.886, 303.916

Sweetspot

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



77, 7.887, 73.933



98, 3.140, 74.807



74, 11.092, 344.625



52, 2.236, 74.737



0, 0.000, 0.000



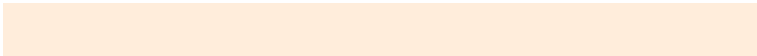
53, 0.007, 296.813

Same Dimension

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



77, 7.887, 73.933



95, 11.265, 73.668



80, 12.711, 109.025



40, 3.687, 74.240



44, 60.926, 60.985



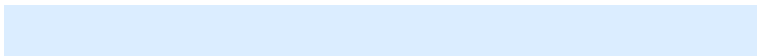
7, 12.953, 57.479

Inverse Universe

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



76, 7.660, 257.068



93, 10.871, 257.390



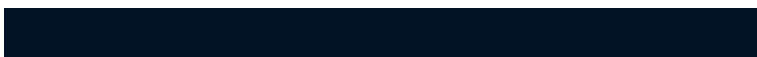
73, 13.063, 291.438



40, 3.608, 256.708



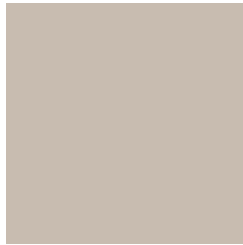
35, 51.257, 283.627



5, 14.022, 270.322

Previews

White Background



This preview shows how the CIELCh color 77, 7.886, 73.916 looks on a white background.

Color Contrast Check

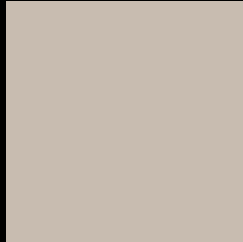
Large Text (above 18pt) WCAG AA × Fail

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, 7.886, 73.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

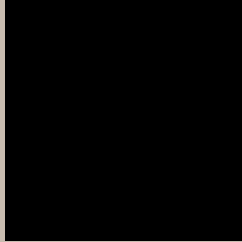
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

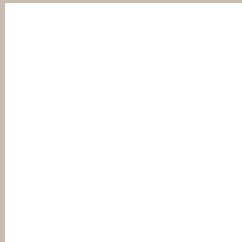
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 7.886, 73.916

Background



This preview shows how black text looks on a background with the CIELCh color 77, 7.886, 73.916.

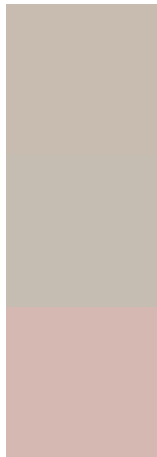


This preview shows how white text looks on a background with the CIELCh color 77, 7.886, 73.916.

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, 7.886, 73.916

Protanopia

77, 7.092, 84.101

Deuteranopia

77, 11.827, 38.575



Tritanopia
77, 10.051, 331.845

Trichromacy



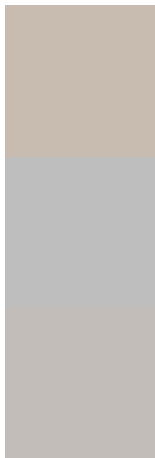
Original Color
77, 7.886, 73.916

Protanomaly
77, 7.265, 81.360

Deuteranomaly
77, 9.747, 49.425

Tritanomaly
77, 6.553, 355.768

Monochromacy



Original Color
77, 7.886, 73.916

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.826, 68.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 7.886, 73.916 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(200, 188, 176)` looks like.

```
.text, #text, p{  
    color:rgb(200, 188, 176)  
}
```

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(200, 188, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 188, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 7.886, 73.916 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(200, 188, 176) }
```

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

```
.border{ border-color:rgb(200, 188, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 188, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 188, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 188, 176);  
box-shadow:4px 4px 4px 4px rgb(200, 188,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 7.886, 73.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 188, 176) }
```

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

```
.background{ background-color: rgb(200,  
188, 176) }
```

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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