

Converting Colors

CIELCh(77, 7.467, 72.173)

Have a look what the booklet for
CIELCh(77, 7.467, 72.173) contains.

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Color

CIELCh(77, 7.450, 71.615)

Conversions

Conversions Part 1

Format	Color
Hex	C8BCB1
RGB	200, 188, 177
RGB Percent	78%, 74%, 69%
CMY	0.2150, 0.2620, 0.3052
CMYK	0.00, 0.06, 0.11, 0.21
HSL	29°, 17%, 74%
HSV	29°, 11%, 79%
XYZ	49.8457, 51.5317, 49.0100
YIQ	190.3340, 10.6830, -0.8770

Conversions

Conversions Part 2

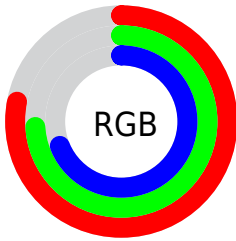
Format	Color
RYB	200, 198, 177
Decimal	13155505
CIELab	77.00, 2.35, 7.07
CIELCh	77, 7.450, 71.615
Yxy	51.5317, 0.3314, 0.3427
Android (android.graphics.Color)	4291345585 (0xFFC8BCB1)
YUV	190.3340, -6.5737, 8.4771
Hunter-Lab	71.7856, -1.6799, 9.7710

Details

The CIELCh color $77, 7.450, 71.615$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 7.217, 254.582$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 6.852, 74.297$, and $57, 7.710, 73.591$ is the 20% darker color. If you saturate the color by 10%, you get $74, 14.292, 70.456$, and if you desaturate by 10%, it is $80, 0.938, 72.461$.

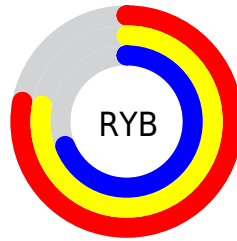
Distribution



Red (78%)

Green (74%)

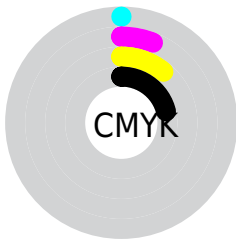
Blue (69%)



Red (78%)

Yellow (78%)

Blue (69%)

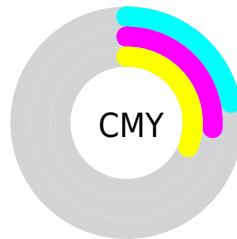


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (21%)



Cyan (22%)

Magenta (26%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 7.450, 71.615 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, 7.450, 71.615 by changing the saturation by 10% instead.

 77, 7.450, 71.615  77, 7.450, 71.615

 100, 7.450, 71.615  67, 7.450, 71.615

 97, 7.450, 71.615  57, 7.450, 71.615

 47, 7.450, 71.615

 37, 7.450, 71.615

 27, 7.450, 71.615

 17, 7.450, 71.615

 7, 7.450, 71.615

 0, 7.450, 71.615

 77, 7.450, 71.615

 77, 7.450, 71.615

74, 14.292, 70.456

80, 0.938, 72.461

71, 21.485, 69.256

83, 5.277, 254.107

68, 29.041, 68.049

87, 11.226,
255.201

65, 36.935, 66.839

90, 16.022,
253.663

62, 45.080, 65.605

59, 53.260, 64.292

93, 15.007,
229.022

57, 61.019, 62.766

95, 16.740,
205.784

54, 67.530, 60.753

53, 71.795, 58.624

96, 18.044,
198.311

Harmonies

Complementary

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



77, 7.450, 71.615



76, 7.217, 254.582

Rectangle

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



77, 7.450, 71.615



77, 7.450, 121.615



77, 7.450, 251.615



77, 7.450, 301.615

Sweetspot

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



77, 7.450, 71.633



99, 2.314, 72.489



75, 10.862, 342.797



53, 1.759, 72.435



0, 0.000, 0.000



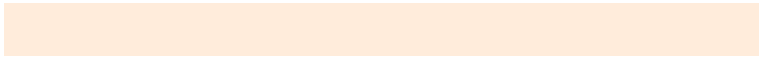
53, 0.007, 296.813

Same Dimension

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



77, 7.450, 71.633



95, 11.124, 71.319



80, 11.785, 107.684



40, 3.638, 71.873



43, 61.482, 59.232



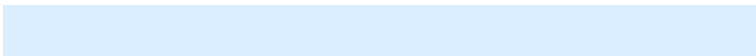
7, 12.953, 54.903

Inverse Universe

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



76, 7.217, 254.582



93, 10.682, 254.967



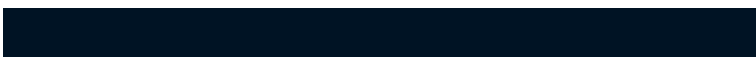
73, 12.078, 290.051



40, 3.549, 254.298



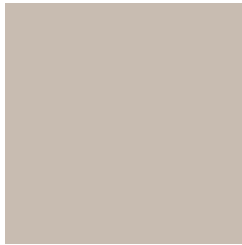
36, 49.073, 281.395



5, 13.672, 268.365

Previews

White Background



This preview shows how the CIELCh color 77, 7.450, 71.615 looks on a white background.

Color Contrast Check

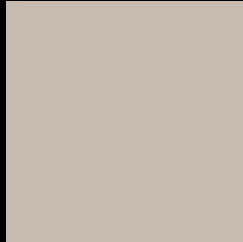
Large Text (above 18pt) WCAG AA × Fail

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, 7.450, 71.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

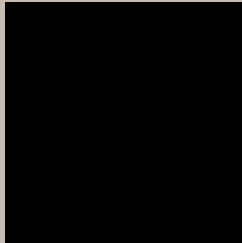
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 7.450, 71.615

Background



This preview shows how black text looks on a background with the CIELCh color 77, 7.450, 71.615.

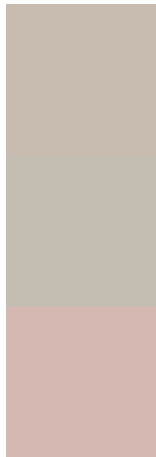


This preview shows how white text looks on a background with the CIELCh color 77, 7.450, 71.615.

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, 7.450, 71.615

Protanopia

77, 6.444, 85.229

Deuteranopia

77, 11.644, 36.140



Tritanopia
77, 10.051, 331.845

Trichromacy



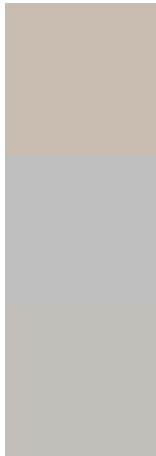
Original Color
77, 7.450, 71.615

Protanomaly
77, 6.794, 79.322

Deuteranomaly
77, 9.476, 46.693

Tritanomaly
77, 6.553, 355.768

Monochromacy



Original Color
77, 7.450, 71.615

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.593, 74.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 7.450, 71.615 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(200, 188, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 188, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 7.450, 71.615 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, 177) }
```

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

```
.border{ border-color:rgb(200, 188, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 188, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 188, 177);  
box-shadow:4px 4px 4px 4px rgb(200, 188,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 7.450, 71.615 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, 177) }
```

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

```
.background{ background-color: rgb(200,  
188, 177) }
```

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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