

Converting Colors

CIELCh(77, 3.479, 69.586)

Have a look what the booklet for
CIELCh(77, 3.479, 69.586) contains.

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Color

CIELCh(77, 3.479, 69.586)

Conversions

Conversions Part 1

Format	Color
Hex	C3BDB8
RGB	195, 189, 184
RGB Percent	76%, 74%, 72%
CMY	0.2348, 0.2583, 0.2780
CMYK	0.00, 0.03, 0.06, 0.23
HSL	27°, 8%, 74%
HSV	27°, 6%, 77%
XYZ	49.4255, 51.5317, 52.7556
YIQ	190.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

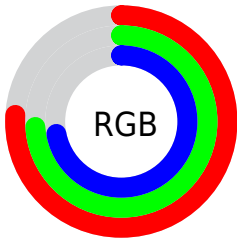
Format	Color
R_{YB}	195, 193, 184
Decimal	12828088
CIE Lab	77.00, 1.21, 3.26
CIE LCh	77, 3.479, 69.586
Yxy	51.5317, 0.3215, 0.3352
Android (android.graphics.Color)	4291018168 (0xFFC3BDB8)
YUV	190.2240, -3.0684, 4.1886
Hunter-Lab	71.7856, -2.7247, 6.6774

Details

The CIELCh color $77, 3.479, 69.586$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 3.430, 251.160$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 3.546, 65.245$, and $57, 3.462, 74.505$ is the 20% darker color. If you saturate the color by 10%, you get $74, 9.919, 68.549$, and if you desaturate by 10%, it is $80, 2.637, 251.021$.

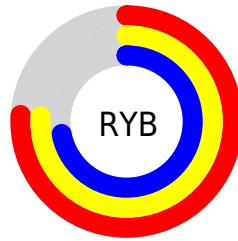
Distribution



Red (76%)

Green (74%)

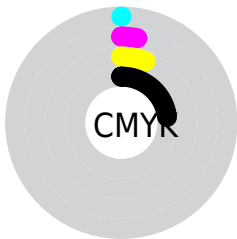
Blue (72%)



Red (76%)

Yellow (76%)

Blue (72%)

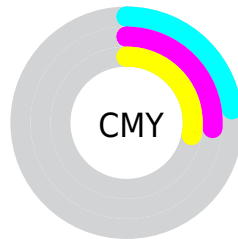


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 3.479, 69.586 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, 3.479, 69.586 by changing the saturation by 10% instead.

■ 77, 3.479, 69.586

■ 77, 3.479, 69.586

■ 100, 3.479, 69.586

■ 67, 3.479, 69.586

■ 97, 3.479, 69.586

■ 57, 3.479, 69.586

■ 47, 3.479, 69.586

■ 37, 3.479, 69.586

■ 27, 3.479, 69.586

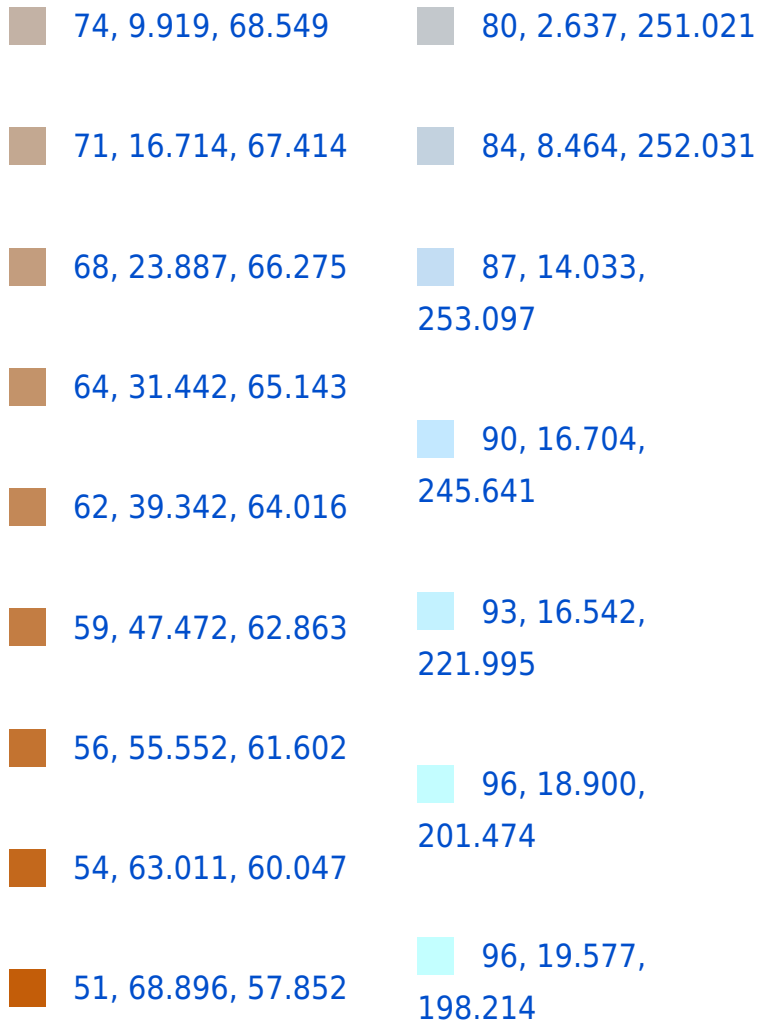
■ 17, 3.479, 69.586

■ 7, 3.479, 69.586

■ 0, 3.479, 69.586

■ 77, 3.479, 69.586

■ 77, 3.479, 69.586



Harmonies

Complementary

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



77, 3.479, 69.586



77, 3.430, 251.160

Rectangle

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



77, 3.479, 69.586



77, 3.479, 119.586



77, 3.479, 249.586



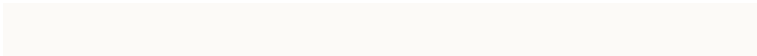
77, 3.479, 299.586

Sweetspot

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



77, 3.479, 69.623



98, 1.502, 69.828



76, 5.247, 341.419



53, 0.861, 69.822



0, 0.000, 0.000



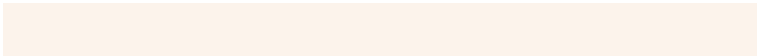
53, 0.007, 296.813

Same Dimension

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



77, 3.479, 69.623



96, 5.347, 69.478



78, 5.567, 107.533



40, 2.798, 69.439



42, 61.411, 57.461



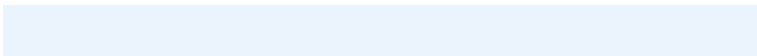
6, 11.465, 53.256

Inverse Universe

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



77, 3.430, 251.160



96, 5.241, 251.322



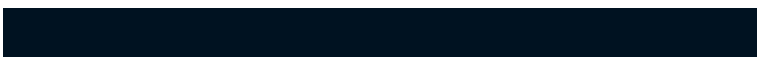
75, 5.645, 288.698



39, 2.739, 251.367



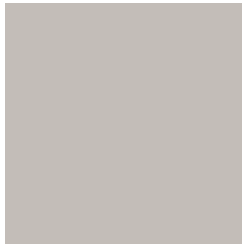
37, 46.196, 278.717



5, 12.211, 265.292

Previews

White Background



This preview shows how the CIELCh color 77, 3.479, 69.586 looks on a white background.

Color Contrast Check

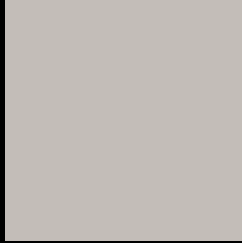
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 3.479, 69.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

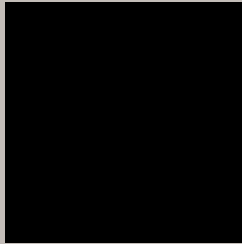
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

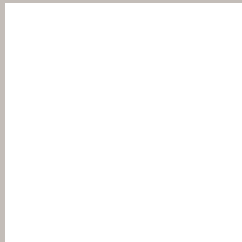
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 3.479, 69.586

Background



This preview shows how black text looks on a background with the CIELCh color 77, 3.479, 69.586.

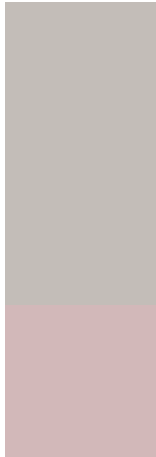


This preview shows how white text looks on a background with the CIELCh color 77, 3.479, 69.586.

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, 3.479, 69.586

Protanopia

77, 3.479, 69.586

Deuteranopia

77, 9.876, 17.077



Tritanopia
77, 8.564, 318.660

Trichromacy



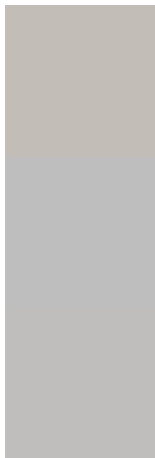
Original Color
77, 3.479, 69.586

Protanomaly
77, 3.479, 69.586

Deuteranomaly
77, 7.197, 24.161

Tritanomaly
77, 5.039, 331.541

Monochromacy



Original Color
77, 3.479, 69.586

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.290, 74.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 3.479, 69.586 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(195, 189, 184)` looks like.

```
.text, #text, p{  
    color:rgb(195, 189, 184)  
}
```

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(195, 189, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 189, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 3.479, 69.586 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(195, 189, 184) }
```

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

```
.border{ border-color:rgb(195, 189, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 189, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 189, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 189, 184);  
box-shadow:4px 4px 4px 4px rgb(195, 189,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 3.479, 69.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 189, 184) }
```

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

```
.background{ background-color: rgb(195,  
189, 184) }
```

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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