

Converting Colors

CIELCh(77, 3.999, 355.066)

Have a look what the booklet for
CIELCh(77, 3.999, 355.066) contains.

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Color

CIELCh(77, 3.722, 353.984)

Conversions

Conversions Part 1

Format	Color
Hex	C5BCBF
RGB	197, 188, 191
RGB Percent	77%, 74%, 75%
CMY	0.2279, 0.2632, 0.2514
CMYK	0.00, 0.05, 0.03, 0.23
HSL	340°, 7%, 75%
HSV	340°, 5%, 77%
XYZ	50.3488, 51.5317, 56.5198
YIQ	191.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

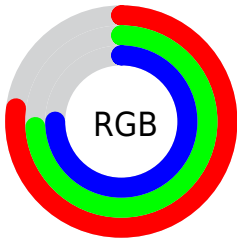
Format	Color
RYB	197, 188, 191
Decimal	12958911
CIELab	77.00, 3.70, -0.39
CIELCh	77, 3.722, 353.984
Yxy	51.5317, 0.3179, 0.3253
Android (android.graphics.Color)	4291148991 (0xFFC5BCBF)
YUV	191.0330, -0.0163, 5.2331
Hunter-Lab	71.7856, -0.4291, 3.5684

Details

The CIELCh color $77, 3.722, 353.984$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 3.670, 173.422$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 3.867, 356.178$, and $57, 3.601, 351.370$ is the 20% darker color. If you saturate the color by 10%, you get $72, 12.080, 355.081$, and if you desaturate by 10%, it is $82, 4.319, 173.353$.

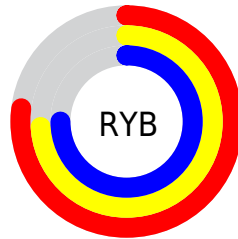
Distribution



Red (77%)

Green (74%)

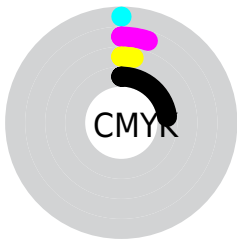
Blue (75%)



Red (77%)

Yellow (74%)

Blue (75%)

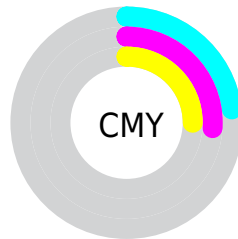


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 3.722, 353.984 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, 3.722, 353.984 by changing the saturation by 10% instead.

■ 77, 3.722, 353.984

■ 77, 3.722, 353.984

■ 100, 3.722,
353.984

■ 67, 3.722, 353.984

■ 97, 3.722, 353.984

■ 57, 3.722, 353.984

■ 47, 3.722, 353.984

■ 37, 3.722, 353.984

■ 27, 3.722, 353.984

■ 17, 3.722, 353.984

■ 7, 3.722, 353.984

■ 0, 3.722, 353.984

■ 77, 3.722, 353.984

■ 77, 3.722, 353.984

72, 12.080,
355.081

82, 4.319, 173.353

66, 20.703,
356.243

88, 12.014,
172.501

61, 29.469,
357.593

93, 19.370,
171.781

57, 38.182,
359.203

96, 20.487,
181.214

52, 46.548, 1.170

96, 19.045,
198.248

49, 54.187, 3.622

46, 60.696, 6.724

43, 65.784, 10.647

42, 69.462, 15.499

Harmonies

Complementary

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



77, 3.722, 353.984



79, 3.670, 173.422

Rectangle

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



77, 3.722, 353.984



77, 3.722, 43.984



77, 3.722, 173.984



77, 3.722, 223.984

Sweetspot

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



77, 3.720, 354.000



99, 1.002, 353.241



77, 5.338, 314.824



53, 0.570, 353.208



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, 3.720, 354.000



97, 5.026, 354.060



77, 2.900, 35.475



40, 2.798, 354.124



34, 61.754, 17.489



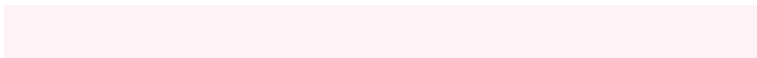
4, 16.667, 2.539

Inverse Universe

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



77, 3.720, 354.000



97, 5.026, 354.060



78, 2.822, 215.921



40, 2.798, 354.124



34, 61.754, 17.489



4, 16.667, 2.539

Previews

White Background



This preview shows how the CIELCh color 77, 3.722, 353.984 looks on a white background.

Color Contrast Check

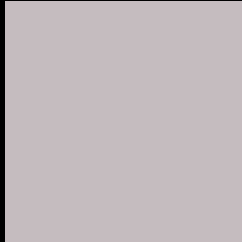
Large Text (above 18pt) WCAG AA × Fail

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, 3.722, 353.984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

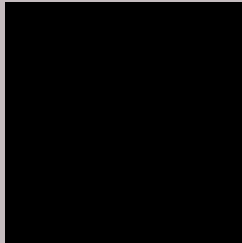
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

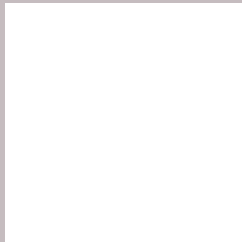
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 3.722, 353.984

Background



This preview shows how black text looks on a background with the CIELCh color 77, 3.722, 353.984.

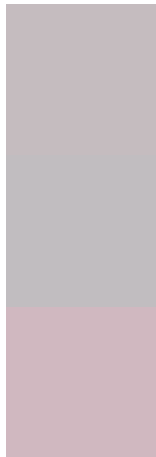


This preview shows how white text looks on a background with the CIELCh color 77, 3.722, 353.984.

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, 3.722, 353.984

Protanopia

77, 2.203, 332.329

Deuteranopia

77, 9.952, 354.744



Tritanopia
77, 9.217, 319.116

Trichromacy



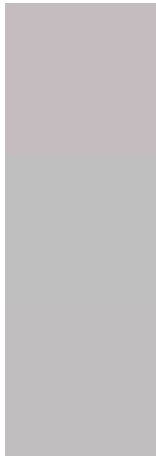
Original Color
77, 3.722, 353.984

Protanomaly
77, 2.468, 338.675

Deuteranomaly
77, 8.030, 352.200

Tritanomaly
77, 6.755, 327.273

Monochromacy



Original Color
77, 3.722, 353.984

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.241, 353.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 3.722, 353.984 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, 188, 191)` looks like.

```
.text, #text, p{  
    color:rgb(197, 188, 191)  
}
```

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, 188, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 188, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 3.722, 353.984 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, 188, 191) }
```

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

```
.border{ border-color:rgb(197, 188, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 188, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 188, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 188, 191);  
box-shadow:4px 4px 4px 4px rgb(197, 188,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 3.722, 353.984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 188, 191) }
```

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

```
.background{ background-color: rgb(197,  
188, 191) }
```

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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