

Converting Colors

CIELCh(77, 4.224, 348.726)

Have a look what the booklet for
CIELCh(77, 4.224, 348.726) contains.

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Color

CIELCh(77, 3.984, 347.042)

Conversions

Conversions Part 1

Format	Color
Hex	C5BCC0
RGB	197, 188, 192
RGB Percent	77%, 74%, 75%
CMY	0.2282, 0.2634, 0.2478
CMYK	0.00, 0.05, 0.03, 0.23
HSL	333°, 7%, 75%
HSV	333°, 5%, 77%
XYZ	50.4164, 51.5317, 57.0524
YIQ	191.1470, 4.0800, 3.1520

Conversions

Conversions Part 2

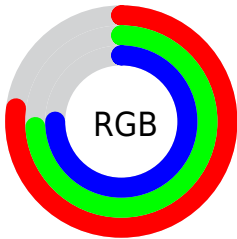
Format	Color
R _Y B	197, 188, 192
Decimal	12958912
CIE Lab	77.00, 3.88, -0.89
CIE LCh	77, 3.984, 347.042
Yxy	51.5317, 0.3171, 0.3241
Android (android.graphics.Color)	4291148992 (0xFFC5BCC0)
YUV	191.1470, 0.4205, 5.1331
Hunter-Lab	71.7856, -0.2610, 3.1286

Details

The CIELCh color $77, 3.984, 347.042$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 3.943, 166.488$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.098, 349.637$, and $57, 3.903, 344.015$ is the 20% darker color. If you saturate the color by 10%, you get $72, 12.866, 348.046$, and if you desaturate by 10%, it is $82, 4.638, 166.424$.

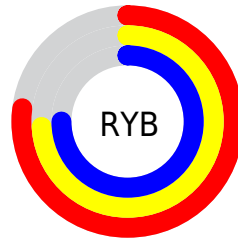
Distribution



Red (77%)

Green (74%)

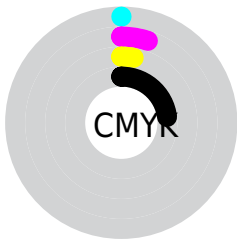
Blue (75%)



Red (77%)

Yellow (74%)

Blue (75%)

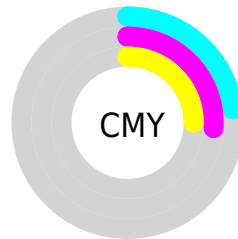


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 3.984, 347.042 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, 3.984, 347.042 by changing the saturation by 10% instead.

■ 77, 3.984, 347.042

■ 77, 3.984, 347.042

■ 100, 3.984,
347.042

■ 67, 3.984, 347.042

■ 97, 3.984, 347.042

■ 57, 3.984, 347.042

■ 47, 3.984, 347.042

■ 37, 3.984, 347.042

■ 27, 3.984, 347.042

■ 17, 3.984, 347.042

■ 7, 3.984, 347.042

■ 0, 3.984, 347.042

■ 77, 3.984, 347.042

■ 77, 3.984, 347.042

72, 12.866,
348.046

82, 4.638, 166.424

67, 21.931,
349.096

88, 12.957,
165.616

62, 31.034,
350.287

93, 20.962,
164.918

57, 39.943,
351.675

96, 22.318,
171.451

53, 48.328,
353.331

96, 19.966,
185.520

49, 55.764,
355.358

96, 19.067,
198.246

46, 61.797,
357.894

44, 66.072, 1.107

43, 68.532, 5.159

Harmonies

Complementary

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



77, 3.984, 347.042



79, 3.943, 166.488

Rectangle

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



77, 3.984, 347.042



77, 3.984, 37.042



77, 3.984, 167.042



77, 3.984, 217.042

Sweetspot

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



77, 3.982, 347.054



99, 1.075, 346.380



77, 5.189, 310.962



53, 0.611, 346.351



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, 3.982, 347.054



97, 5.379, 347.108



77, 3.194, 23.813



40, 2.994, 347.167



35, 60.457, 6.870



4, 17.366, 356.329

Inverse Universe

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



77, 3.982, 347.054



97, 5.379, 347.108



79, 3.104, 203.789



40, 2.994, 347.167



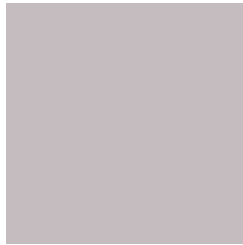
35, 60.457, 6.870



4, 17.366, 356.329

Previews

White Background



This preview shows how the CIELCh color 77, 3.984, 347.042 looks on a white background.

Color Contrast Check

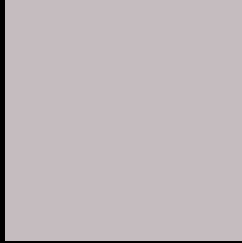
Large Text (above 18pt) WCAG AA × Fail

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, 3.984, 347.042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

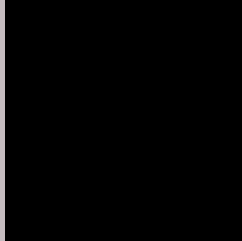
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

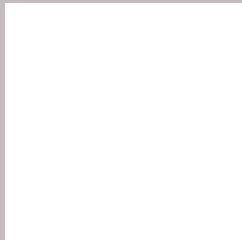
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 3.984, 347.042

Background



This preview shows how black text looks on a background with the CIELCh color 77, 3.984, 347.042.



This preview shows how white text looks on a background with the CIELCh color 77, 3.984, 347.042.

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, 3.984, 347.042

Protanopia

77, 2.625, 324.459

Deuteranopia

77, 9.853, 350.930



Tritanopia
77, 9.217, 319.116

Trichromacy



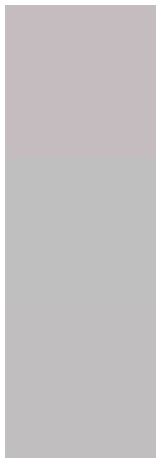
Original Color
77, 3.984, 347.042

Protanomaly
77, 2.851, 330.581

Deuteranomaly
77, 7.969, 347.478

Tritanomaly
77, 7.190, 324.709

Monochromacy



Original Color
77, 3.984, 347.042

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, 3.984, 347.042 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(197, 188, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 188, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 3.984, 347.042 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, 192) }
```

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

```
.border{ border-color:rgb(197, 188, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 188, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 188, 192);  
box-shadow:4px 4px 4px 4px rgb(197, 188,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 3.984, 347.042 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, 192) }
```

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

```
.background{ background-color: rgb(197,  
188, 192) }
```

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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