

Converting Colors

CIELCh(77, 3.425, 309.167)

Have a look what the booklet for
CIELCh(77, 3.425, 309.167) contains.

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Color

CIELCh(77, 3.425, 309.167)

Conversions

Conversions Part 1

Format	Color
Hex	C0BDC3
RGB	192, 189, 195
RGB Percent	75%, 74%, 76%
CMY	0.2471, 0.2589, 0.2354
CMYK	0.02, 0.03, 0.00, 0.24
HSL	270°, 5%, 75%
HSV	270°, 3%, 76%
XYZ	49.7766, 51.5317, 58.9434
YIQ	190.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

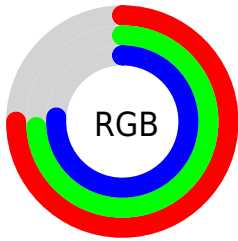
Format	Color
R _Y B	192, 189, 195
Decimal	12631491
CIE Lab	77.00, 2.16, -2.66
CIE LCh	77, 3.425, 309.167
Yxy	51.5317, 0.3106, 0.3216
Android (android.graphics.Color)	4290821571 (0xFFC0BDC3)
YUV	190.5810, 2.1786, 1.2445
Hunter-Lab	71.7856, -1.8518, 1.5667

Details

The CIELCh color $77, 3.425, 309.167$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 3.392, 128.961$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 3.752, 306.637$, and $57, 3.100, 312.587$ is the 20% darker color. If you saturate the color by 10%, you get $71, 14.738, 309.642$, and if you desaturate by 10%, it is $83, 7.558, 128.792$.

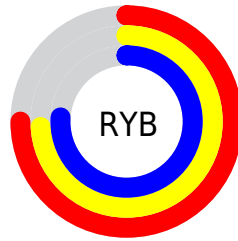
Distribution



Red (75%)

Green (74%)

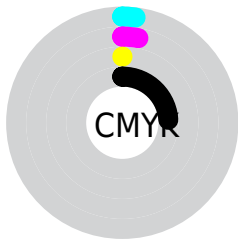
Blue (76%)



Red (75%)

Yellow (74%)

Blue (76%)

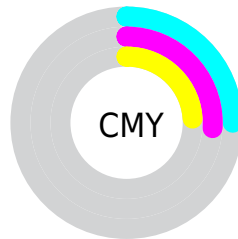


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (24%)



Cyan (25%)

Magenta (26%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 3.425, 309.167 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, 3.425, 309.167 by changing the saturation by 10% instead.

■ 77, 3.425, 309.167

■ 77, 3.425, 309.167

■ 100, 3.425,
309.167

■ 67, 3.425, 309.167

■ 97, 3.425, 309.167

■ 57, 3.425, 309.167

■ 47, 3.425, 309.167

■ 37, 3.425, 309.167

■ 27, 3.425, 309.167

■ 17, 3.425, 309.167

■ 7, 3.425, 309.167

■ 0, 3.425, 309.167

■ 77, 3.425, 309.167

■ 77, 3.425, 309.167

71, 14.738,
309.642

83, 7.558, 128.792

65, 26.364,
310.145

89, 18.199,
128.413

60, 38.240,
310.676

94, 28.506,
128.083

54, 50.248,
311.218

97, 31.656,
124.299

49, 62.173,
311.741

98, 30.762,
117.899

44, 73.655,
312.191

98, 30.294,
111.092

39, 84.135,
312.494

99, 30.234,
107.879

35, 92.860,
312.544

32, 99.030,

Harmonies

Complementary

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



77, 3.425, 309.167



78, 3.392, 128.961

Rectangle

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



77, 3.425, 309.167



77, 3.425, 359.167



77, 3.425, 129.167



77, 3.425, 179.167

Sweetspot

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



77, 3.423, 309.158



98, 1.376, 309.000



78, 1.912, 254.156



53, 0.789, 308.993



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, 3.423, 309.158



96, 5.495, 309.209



77, 3.906, 324.099



39, 3.143, 309.240



25, 88.236, 312.011



2, 20.213, 305.342

Inverse Universe

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



77, 2.757, 343.740



97, 4.426, 343.856



78, 3.889, 143.896



40, 2.532, 343.922



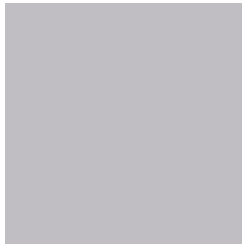
34, 60.046, 1.476



3, 15.833, 352.318

Previews

White Background



This preview shows how the CIELCh color 77, 3.425, 309.167 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, 3.425, 309.167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

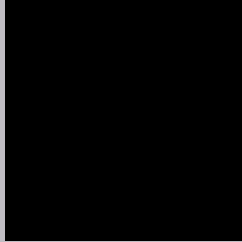
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

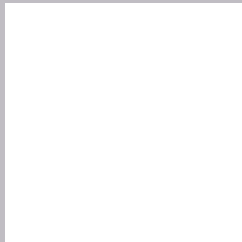
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 3.425, 309.167

Background



This preview shows how black text looks on a background with the CIELCh color 77, 3.425, 309.167.

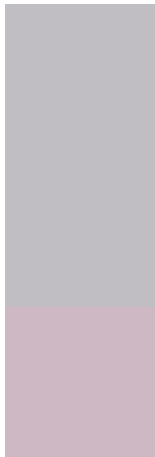


This preview shows how white text looks on a background with the CIELCh color 77, 3.425, 309.167.

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, 3.425, 309.167

Protanopia

77, 3.425, 309.167

Deuteranopia

77, 10.410, 342.099



Tritanopia
77, 8.290, 303.449

Trichromacy



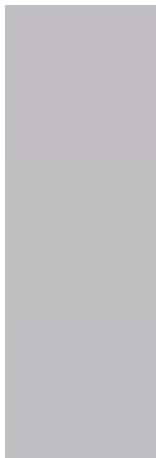
Original Color
77, 3.425, 309.167

Protanomaly
77, 3.425, 309.167

Deuteranomaly
77, 7.742, 336.142

Tritanomaly
77, 6.728, 306.382

Monochromacy



Original Color
77, 3.425, 309.167

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.147, 309.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 3.425, 309.167 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(192, 189, 195)` looks like.

```
.text, #text, p{  
    color:rgb(192, 189, 195)  
}
```

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(192, 189, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 189, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 3.425, 309.167 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(192, 189, 195) }
```

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

```
.border{ border-color:rgb(192, 189, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 189, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 189, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 189, 195); box-shadow:4px 4px 4px 4px rgb(192, 189, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 3.425, 309.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 189, 195) }
```

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

```
.background{ background-color: rgb(192,  
189, 195) }
```

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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