

Converting Colors

CIELCh(77, 4.804, 351.186)

Have a look what the booklet for
CIELCh(77, 4.804, 351.186) contains.

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Color

CIELCh(77, 5.218, 348.846)

Conversions

Conversions Part 1

Format	Color
Hex	C7BBC0
RGB	199, 187, 192
RGB Percent	78%, 73%, 75%
CMY	0.2193, 0.2664, 0.2468
CMYK	0.00, 0.06, 0.04, 0.22
HSL	335°, 10%, 76%
HSV	335°, 6%, 78%
XYZ	50.8800, 51.5317, 57.1757
YIQ	191.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

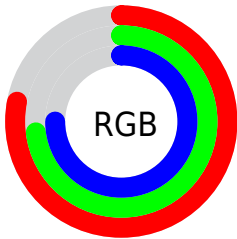
Format	Color
RYB	199, 187, 192
Decimal	13089728
CIELab	77.00, 5.12, -1.01
CIELCh	77, 5.218, 348.846
Yxy	51.5317, 0.3188, 0.3229
Android (android.graphics.Color)	4291279808 (0xFFC7BBC0)
YUV	191.1580, 0.4151, 6.8774
Hunter-Lab	71.7856, 0.8919, 3.0268

Details

The CIELCh color $77, 5.218, 348.846$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 5.151, 167.970$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.971, 348.712$, and $57, 5.206, 346.747$ is the 20% darker color. If you saturate the color by 10%, you get $72, 14.073, 349.867$, and if you desaturate by 10%, it is $82, 3.370, 168.212$.

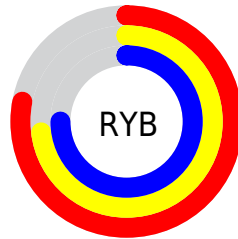
Distribution



Red (78%)

Green (73%)

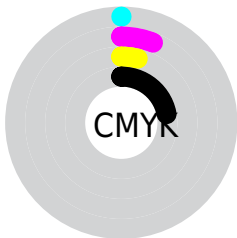
Blue (75%)



Red (78%)

Yellow (73%)

Blue (75%)

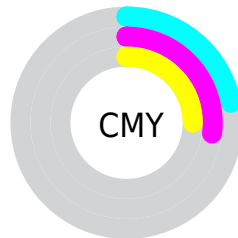


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 5.218, 348.846 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, 5.218, 348.846 by changing the saturation by 10% instead.

■ 77, 5.218, 348.846

■ 77, 5.218, 348.846

■ 100, 5.218,
348.846

■ 67, 5.218, 348.846

■ 97, 5.218, 348.846

■ 57, 5.218, 348.846

■ 47, 5.218, 348.846

■ 37, 5.218, 348.846

■ 27, 5.218, 348.846

■ 17, 5.218, 348.846

■ 7, 5.218, 348.846

■ 0, 5.218, 348.846

■ 77, 5.218, 348.846

■ 77, 5.218, 348.846

72, 14.073,
349.867

82, 3.370, 168.212

66, 23.115,
350.968

88, 11.645,
167.347

62, 32.192,
352.232

93, 19.598,
166.629

57, 41.064,
353.718

96, 20.912,
174.245

53, 49.391,
355.510

96, 18.783,
190.610

49, 56.742,
357.724

96, 18.384,
198.290

46, 62.676, 0.511

44, 66.882, 4.047

43, 69.394, 8.473

Harmonies

Complementary

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



77, 5.218, 348.846



79, 5.151, 167.970

Rectangle

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



77, 5.218, 348.846



77, 5.218, 38.846



77, 5.218, 168.846



77, 5.218, 218.846

Sweetspot

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



77, 5.216, 348.856



99, 2.107, 348.337



77, 6.970, 312.155



53, 1.198, 348.315



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, 5.216, 348.856



95, 7.419, 348.966



77, 4.147, 27.006



40, 3.932, 349.007



34, 60.549, 9.542



4, 17.159, 357.944

Inverse Universe

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



77, 5.216, 348.856



95, 7.419, 348.966



79, 3.991, 206.937



40, 3.932, 349.007



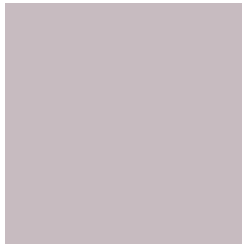
34, 60.549, 9.542



4, 17.159, 357.944

Previews

White Background



This preview shows how the CIELCh color 77, 5.218, 348.846 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, 5.218, 348.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

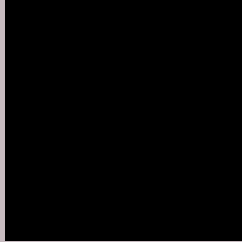
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

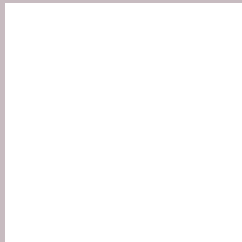
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 5.218, 348.846

Background



This preview shows how black text looks on a background with the CIELCh color 77, 5.218, 348.846.



This preview shows how white text looks on a background with the CIELCh color 77, 5.218, 348.846.

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, 5.218, 348.846

Protanopia

77, 2.434, 317.304

Deuteranopia

77, 9.853, 350.930



Tritanopia
77, 9.141, 324.795

Trichromacy



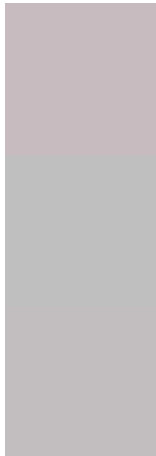
Original Color
77, 5.218, 348.846

Protanomaly
77, 3.750, 333.865

Deuteranomaly
77, 8.287, 348.914

Tritanomaly
77, 7.874, 331.429

Monochromacy



Original Color
77, 5.218, 348.846

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.582, 359.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 5.218, 348.846 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(199, 187, 192)` looks like.

```
.text, #text, p{  
    color:rgb(199, 187, 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(199, 187, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 187, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 5.218, 348.846 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(199, 187, 192) }
```

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

```
.border{ border-color:rgb(199, 187, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 187, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 187, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 187, 192);  
box-shadow:4px 4px 4px 4px rgb(199, 187,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 5.218, 348.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 187, 192) }
```

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

```
.background{ background-color: rgb(199,  
187, 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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