

Converting Colors

CIELCh(77, 4.979, 329.826)

Have a look what the booklet for
CIELCh(77, 4.979, 329.826) contains.

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Color

CIELCh(77, 4.803, 328.221)

Conversions

Conversions Part 1

Format	Color
Hex	C4BCC3
RGB	196, 188, 195
RGB Percent	77%, 74%, 76%
CMY	0.2321, 0.2634, 0.2360
CMYK	0.00, 0.04, 0.01, 0.23
HSL	308°, 6%, 75%
HSV	308°, 4%, 77%
XYZ	50.4913, 51.5317, 58.8068
YIQ	191.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

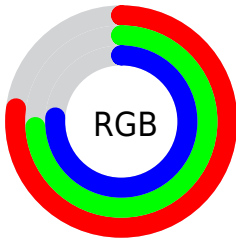
Format	Color
R _Y B	196, 188, 195
Decimal	12893379
CIE Lab	77.00, 4.08, -2.53
CIE LCh	77, 4.803, 328.221
Yxy	51.5317, 0.3139, 0.3204
Android (android.graphics.Color)	4291083459 (0xFFC4BCC3)
YUV	191.1900, 1.8783, 4.2184
Hunter-Lab	71.7856, -0.0746, 1.6795

Details

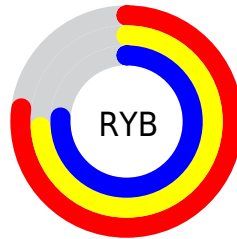
The CIELCh color $77, 4.803, 328.221$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 4.783, 147.862$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 5.199, 327.754$, and $57, 4.406, 328.842$ is the 20% darker color. If you saturate the color by 10%, you get $72, 16.653, 328.852$, and if you desaturate by 10%, it is $82, 6.868, 147.752$.

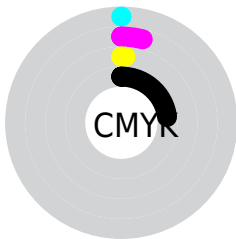
Distribution



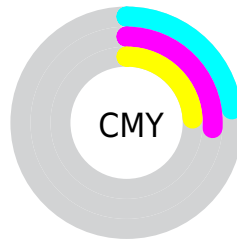
- Red (77%)
- Green (74%)
- Blue (76%)



- Red (77%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (23%)



- Cyan (23%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 4.803, 328.221 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, 4.803, 328.221 by changing the saturation by 10% instead.

■ 77, 4.803, 328.221

■ 77, 4.803, 328.221

■ 100, 4.803,
328.221

■ 67, 4.803, 328.221

■ 97, 4.803, 328.221

■ 57, 4.803, 328.221

■ 47, 4.803, 328.221

■ 37, 4.803, 328.221

■ 27, 4.803, 328.221

■ 17, 4.803, 328.221

■ 7, 4.803, 328.221

■ 0, 4.803, 328.221

■ 77, 4.803, 328.221

■ 77, 4.803, 328.221

72, 16.653,
328.852

82, 6.868, 147.752

67, 28.547,
329.459

87, 18.267,
147.177

63, 40.266,
330.067

93, 29.350,
146.645

58, 51.500,
330.672

95, 33.450,
147.158

54, 61.845,
331.269

95, 32.461,
148.503

51, 70.817,
331.855

95, 31.487,
149.927

49, 77.919,
332.430

95, 30.529,
151.436

47, 82.758,
333.005

95, 29.590,
153.037

46, 85.193,

95, 28.670,
154.737

Harmonies

Complementary

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



77, 4.803, 328.221



78, 4.783, 147.862

Rectangle

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



77, 4.803, 328.221



77, 4.803, 18.221



77, 4.803, 148.221



77, 4.803, 198.221

Sweetspot

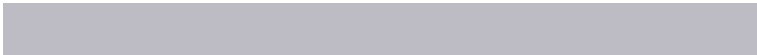
The Sweet Spot groups the original color and five complimentary colors.



77, 4.801, 328.222



99, 1.460, 327.867



76, 4.325, 295.088



53, 0.831, 327.852



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, 4.801, 328.222



97, 7.288, 328.292



77, 3.406, 350.684



39, 3.969, 328.328



37, 74.247, 333.861



4, 21.533, 331.006

Inverse Universe

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



77, 4.801, 328.222



97, 7.288, 328.292



78, 3.368, 170.223



39, 3.969, 328.328



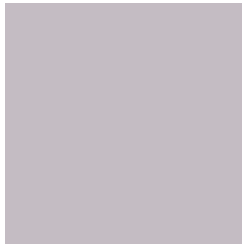
37, 74.247, 333.861



4, 21.533, 331.006

Previews

White Background



This preview shows how the CIELCh color 77, 4.803, 328.221 looks on a white background.

Color Contrast Check

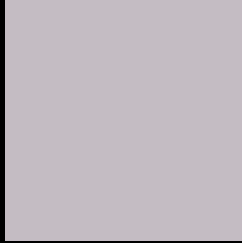
Large Text (above 18pt) WCAG AA × Fail

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, 4.803, 328.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

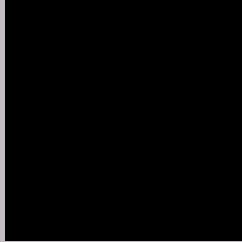
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

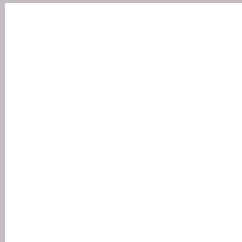
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 4.803, 328.221

Background



This preview shows how black text looks on a background with the CIELCh color 77, 4.803, 328.221.

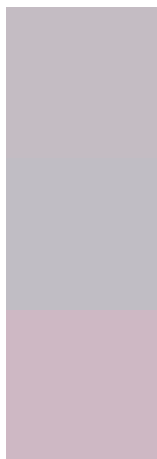


This preview shows how white text looks on a background with the CIELCh color 77, 4.803, 328.221.

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, 4.803, 328.221

Protanopia

77, 3.936, 306.679

Deuteranopia

77, 10.410, 342.099



Tritanopia
77, 8.398, 316.452

Trichromacy



Original Color
77, 4.803, 328.221

Protanomaly
77, 4.057, 311.637

Deuteranomaly
77, 8.651, 337.069

Tritanomaly
77, 7.450, 320.041

Monochromacy



Original Color
77, 4.803, 328.221

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.556, 335.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 4.803, 328.221 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(196, 188, 195)` looks like.

```
.text, #text, p{  
    color:rgb(196, 188, 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(196, 188, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 188, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 4.803, 328.221 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(196, 188, 195) }
```

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

```
.border{ border-color:rgb(196, 188, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 188, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 188, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 188, 195);  
box-shadow:4px 4px 4px 4px rgb(196, 188,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 4.803, 328.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 188, 195) }
```

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

```
.background{ background-color: rgb(196,  
188, 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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