

Converting Colors

CIELCh(77, 3.337, 33.699)

Have a look what the booklet for
CIELCh(77, 3.337, 33.699) contains.

CIELCh(77, 3.400, 28.566)	3
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Color

CIELCh(77, 3.400, 28.566)

Conversions

Conversions Part 1

Format	Color
Hex	C5BCBB
RGB	197, 188, 187
RGB Percent	77%, 74%, 73%
CMY	0.2267, 0.2620, 0.2660
CMYK	0.00, 0.05, 0.05, 0.23
HSL	6°, 8%, 75%
HSV	6°, 5%, 77%
XYZ	50.0821, 51.5317, 54.4198
YIQ	190.5770, 5.6850, 1.5970

Conversions

Conversions Part 2

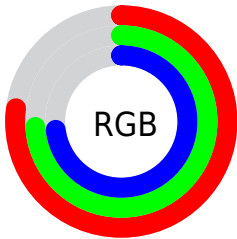
Format	Color
RYB	197, 188, 187
Decimal	12958907
CIELab	77.00, 2.99, 1.63
CIELCh	77, 3.400, 28.566
Yxy	51.5317, 0.3210, 0.3303
Android (android.graphics.Color)	4291148987 (0xFFC5BCBB)
YUV	190.5770, -1.7635, 5.6330
Hunter-Lab	71.7856, -1.0921, 5.3029

Details

The CIELCh color $77, 3.400, 28.566$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 3.292, 208.712$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 3.584, 27.632$, and $57, 3.230, 29.723$ is the 20% darker color. If you saturate the color by 10%, you get $72, 10.523, 29.036$, and if you desaturate by 10%, it is $82, 3.173, 208.730$.

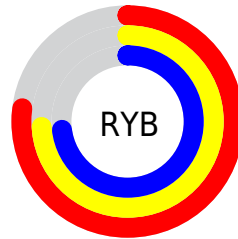
Distribution



Red (77%)

Green (74%)

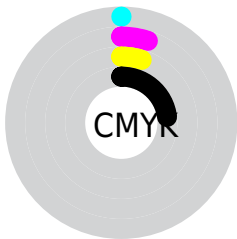
Blue (73%)



Red (77%)

Yellow (74%)

Blue (73%)

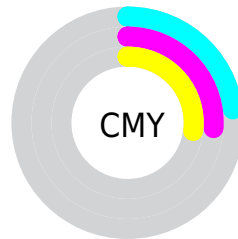


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 3.400, 28.566 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, 3.400, 28.566 by changing the saturation by 10% instead.

■ 77, 3.400, 28.566

■ 77, 3.400, 28.566

■ 100, 3.400, 28.566

■ 67, 3.400, 28.566

■ 97, 3.400, 28.566

■ 57, 3.400, 28.566

■ 47, 3.400, 28.566

■ 37, 3.400, 28.566

■ 27, 3.400, 28.566

■ 17, 3.400, 28.566

■ 7, 3.400, 28.566

■ 0, 3.400, 28.566

■ 77, 3.400, 28.566

■ 77, 3.400, 28.566

72, 10.523, 29.036

82, 3.173, 208.730

67, 18.243, 29.547

87, 9.244, 208.503

62, 26.578, 30.256

92, 14.868,
208.435

58, 35.511, 31.233

96, 18.958,
198.253

54, 44.967, 32.546

50, 54.785, 34.244

47, 64.667, 36.311

44, 74.029, 38.535

42, 81.600, 40.269

Harmonies

Complementary

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



77, 3.400, 28.566



79, 3.292, 208.712

Rectangle

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



77, 3.400, 28.566



77, 3.400, 78.566



77, 3.400, 208.566



77, 3.400, 258.566

Sweetspot

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



77, 3.399, 28.600



99, 1.631, 28.279



77, 6.106, 327.517



53, 0.927, 28.255



0, 0.000, 0.000



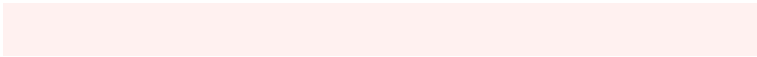
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 3.399, 28.600



96, 4.975, 28.655



78, 3.515, 84.705



40, 2.695, 28.678



34, 73.199, 41.203



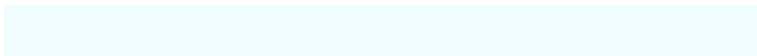
4, 14.942, 24.952

Inverse Universe

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



79, 3.292, 208.712



99, 4.787, 208.667



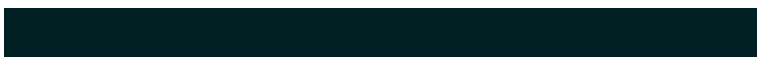
77, 3.512, 266.150



41, 2.585, 208.650



56, 31.977, 214.076



10, 11.790, 209.778

Previews

White Background



This preview shows how the CIELCh color 77, 3.400, 28.566 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, 3.400, 28.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

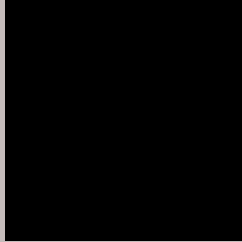
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

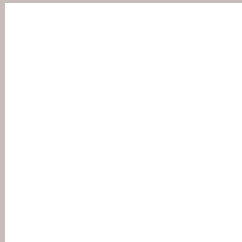
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 3.400, 28.566

Background



This preview shows how black text looks on a background with the CIELCh color 77, 3.400, 28.566.

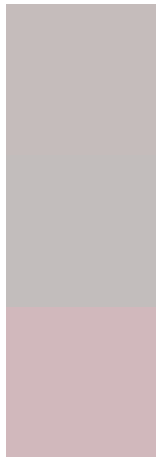


This preview shows how white text looks on a background with the CIELCh color 77, 3.400, 28.566.

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, 3.400, 28.566

Protanopia

77, 1.928, 35.390

Deuteranopia

77, 9.663, 7.401



Tritanopia
77, 9.396, 321.089

Trichromacy



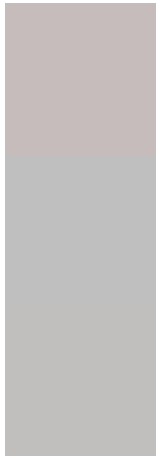
Original Color
77, 3.400, 28.566

Protanomaly
77, 2.290, 32.857

Deuteranomaly
77, 7.221, 11.426

Tritanomaly
77, 6.337, 330.190

Monochromacy



Original Color
77, 3.400, 28.566

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.111, 19.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 3.400, 28.566 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(197, 188, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 188, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 3.400, 28.566 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, 187) }
```

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

```
.border{ border-color:rgb(197, 188, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 188, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 188, 187);  
box-shadow:4px 4px 4px 4px rgb(197, 188,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 3.400, 28.566 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, 187) }
```

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

```
.background{ background-color: rgb(197,  
188, 187) }
```

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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