

Converting Colors

CIELCh(77, 6.959, 312.152)

Have a look what the booklet for
CIELCh(77, 6.959, 312.152) contains.

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Color

CIELCh(77, 6.965, 312.153)

Conversions

Conversions Part 1

Format	Color
Hex	C3BCC8
RGB	195, 188, 200
RGB Percent	76%, 74%, 78%
CMY	0.2366, 0.2641, 0.2170
CMYK	0.03, 0.06, 0.00, 0.22
HSL	275°, 10%, 76%
HSV	275°, 6%, 78%
XYZ	50.7128, 51.5317, 61.7064
YIQ	191.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

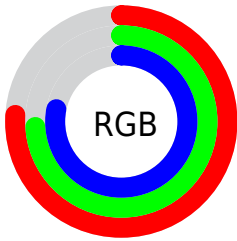
Format	Color
R _Y B	195, 188, 200
Decimal	12827848
CIE Lab	77.00, 4.67, -5.16
CIE LCh	77, 6.965, 312.153
Yxy	51.5317, 0.3093, 0.3143
Android (android.graphics.Color)	4291017928 (0xFFC3BCC8)
YUV	191.4610, 4.2097, 3.1037
Hunter-Lab	71.7856, 0.4762, -0.7153

Details

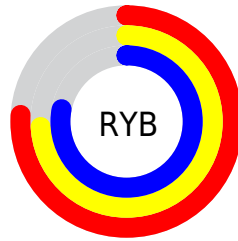
The CIELCh color $77, 6.965, 312.153$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 6.903, 131.693$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 6.317, 316.737$, and $57, 6.720, 310.938$ is the 20% darker color. If you saturate the color by 10%, you get $71, 18.784, 312.601$, and if you desaturate by 10%, it is $83, 4.549, 131.796$.

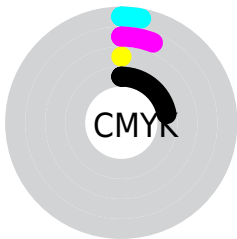
Distribution



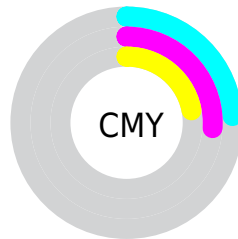
- Red (76%)
- Green (74%)
- Blue (78%)



- Red (76%)
- Yellow (74%)
- Blue (78%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 6.965, 312.153 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, 6.965, 312.153 by changing the saturation by 10% instead.

■ 77, 6.965, 312.153

■ 77, 6.965, 312.153

■ 100, 6.965,
312.153

■ 67, 6.965, 312.153

■ 97, 6.965, 312.153

■ 57, 6.965, 312.153

■ 47, 6.965, 312.153

■ 37, 6.965, 312.153

■ 27, 6.965, 312.153

■ 17, 6.965, 312.153

■ 7, 6.965, 312.153

■ 0, 6.965, 312.153

■ 77, 6.965, 312.153

■ 77, 6.965, 312.153

71, 18.784,
312.601

83, 4.549, 131.796

66, 30.861,
313.067

89, 15.730,
131.403

60, 43.092,
313.541

94, 26.574,
131.066

55, 55.300,
313.999

97, 29.800,
127.670

49, 67.188,
314.406

97, 28.855,
122.046

45, 78.305,
314.704

98, 28.217,
116.006

40, 88.025,
314.819

99, 27.922,
109.675

37, 95.614,
314.660

99, 27.906,
108.058

35, 100.477,

Harmonies

Complementary

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



77, 6.965, 312.153



80, 6.903, 131.693

Rectangle

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



77, 6.965, 312.153



77, 6.965, 2.153



77, 6.965, 132.153



77, 6.965, 182.153

Sweetspot

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



77, 6.963, 312.149



99, 2.820, 311.943



78, 4.068, 263.130



53, 1.603, 311.935



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, 6.963, 312.149



95, 9.910, 312.199



77, 7.480, 326.586



40, 5.252, 312.217



27, 87.710, 314.058



3, 22.763, 309.084

Inverse Universe

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



77, 5.212, 348.836



95, 7.420, 348.949



79, 7.461, 145.971



40, 3.933, 348.990



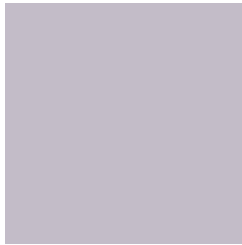
34, 60.547, 9.514



4, 17.161, 357.928

Previews

White Background



This preview shows how the CIELCh color 77, 6.965, 312.153 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, 6.965, 312.153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

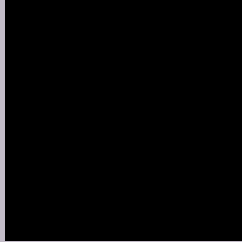
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

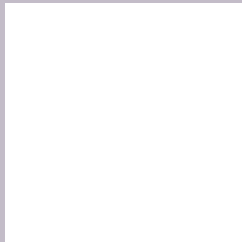
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 6.965, 312.153

Background



This preview shows how black text looks on a background with the CIELCh color 77, 6.965, 312.153.

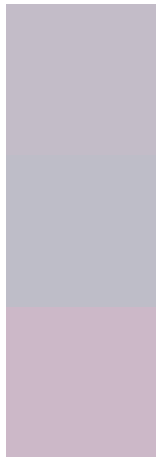


This preview shows how white text looks on a background with the CIELCh color 77, 6.965, 312.153.

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, 6.965, 312.153

Protanopia

77, 5.931, 294.220

Deuteranopia

77, 11.343, 331.108



Tritanopia
77, 8.608, 310.528

Trichromacy



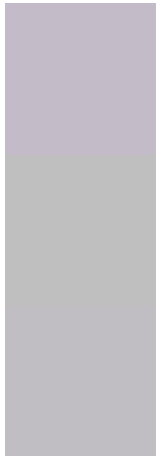
Original Color
77, 6.965, 312.153

Protanomaly
77, 6.027, 301.098

Deuteranomaly
77, 10.007, 326.584

Tritanomaly
77, 8.106, 311.798

Monochromacy



Original Color
77, 6.965, 312.153

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.285, 309.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 6.965, 312.153 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(195, 188, 200)` looks like.

```
.text, #text, p{  
    color:rgb(195, 188, 200)  
}
```

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(195, 188, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 188, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 6.965, 312.153 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(195, 188, 200) }
```

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

```
.border{ border-color:rgb(195, 188, 200) }
```

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

Here you see how a box with a 4 pixel rgb(195, 188, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 188, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 188, 200);  
box-shadow:4px 4px 4px 4px rgb(195, 188,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 6.965, 312.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 188, 200) }
```

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

```
.background{ background-color: rgb(195,  
188, 200) }
```

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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