

Converting Colors

CIELCh(75, 7.354, 311.279)

Have a look what the booklet for
CIELCh(75, 7.354, 311.279) contains.

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Color

CIELCh(75, 7.511, 310.667)

Conversions

Conversions Part 1

Format	Color
Hex	BDB6C3
RGB	189, 182, 195
RGB Percent	74%, 71%, 76%
CMY	0.2584, 0.2858, 0.2349
CMYK	0.03, 0.07, 0.00, 0.23
HSL	272°, 10%, 74%
HSV	272°, 7%, 77%
XYZ	47.6262, 48.2781, 58.5034
YIQ	185.5750, -0.0010, 5.5270

Conversions

Conversions Part 2

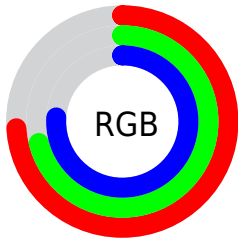
Format	Color
R _Y B	189, 182, 195
Decimal	12433091
CIE Lab	75.00, 4.89, -5.70
CIE LCh	75, 7.511, 310.667
Yxy	48.2781, 0.3084, 0.3127
Android (android.graphics.Color)	4290623171 (0xFFBDB6C3)
YUV	185.5750, 4.6465, 3.0037
Hunter-Lab	69.4824, 0.7572, -1.2838

Details

The CIELCh color $75, 7.511, 310.667$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 7.434, 130.132$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 7.635, 309.296$, and $55, 7.450, 312.257$ is the 20% darker color. If you saturate the color by 10%, you get $69, 19.027, 311.129$, and if you desaturate by 10%, it is $81, 3.693, 130.298$.

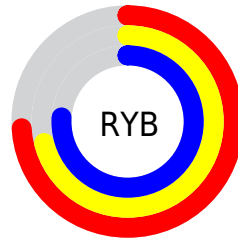
Distribution



Red (74%)

Green (71%)

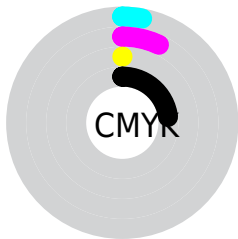
Blue (76%)



Red (74%)

Yellow (71%)

Blue (76%)

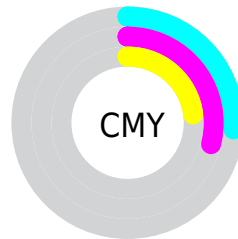


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (23%)



Cyan (26%)

Magenta (29%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 7.511, 310.667 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 75, 7.511, 310.667 by changing the saturation by 10% instead.

■ 75, 7.511, 310.667

■ 75, 7.511, 310.667

■ 100, 7.511,
310.667

■ 65, 7.511, 310.667

■ 95, 7.511, 310.667

■ 55, 7.511, 310.667

■ 45, 7.511, 310.667

■ 35, 7.511, 310.667

■ 25, 7.511, 310.667

■ 15, 7.511, 310.667

■ 5, 7.511, 310.667

■ 0, 7.511, 310.667

■ 75, 7.511, 310.667

■ 75, 7.511, 310.667

69, 19.027,
311.129

81, 3.693, 130.298

64, 30.818,
311.618

87, 14.563,
129.894

58, 42.792,
312.122

92, 25.100,
129.553

53, 54.786,
312.619

97, 32.316,
127.930

47, 66.523,
313.070

97, 31.264,
122.323

43, 77.564,
313.417

98, 30.544,
116.279

38, 87.280,
313.578

99, 30.197,
109.925

35, 94.909,
313.451

99, 30.171,
107.884

32, 99.846,

312.952

Harmonies

Complementary

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



75, 7.511, 310.667



78, 7.434, 130.132

Rectangle

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



75, 7.511, 310.667



75, 7.511, 0.667



75, 7.511, 130.667



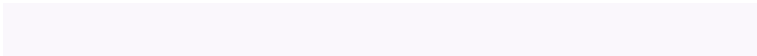
75, 7.511, 180.667

Sweetspot

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



75, 7.509, 310.663



98, 2.768, 310.426



76, 4.296, 259.876



53, 1.587, 310.419



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 7.509, 310.663



93, 11.136, 310.731



75, 8.334, 325.679



38, 6.377, 310.788



25, 87.513, 312.925



2, 20.357, 306.734

Inverse Universe

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



75, 5.845, 346.266



94, 8.669, 346.407



78, 8.316, 144.989



38, 4.964, 346.526



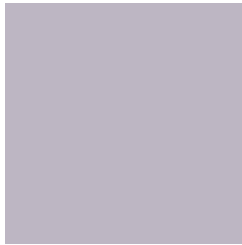
34, 59.783, 5.136



3, 15.517, 354.613

Previews

White Background



This preview shows how the CIELCh color 75, 7.511, 310.667 looks on a white background.

Color Contrast Check

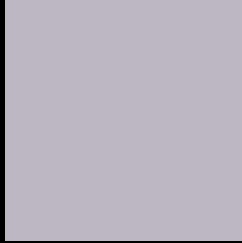
Large Text (above 18pt) WCAG AA × Fail

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 75, 7.511, 310.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

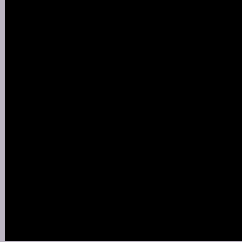
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

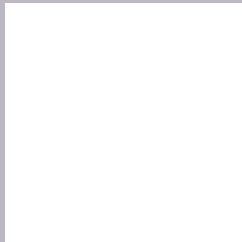
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 7.511, 310.667

Background



This preview shows how black text looks on a background with the CIELCh color 75, 7.511, 310.667.

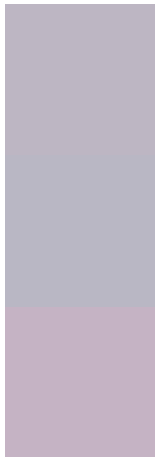


This preview shows how white text looks on a background with the CIELCh color 75, 7.511, 310.667.

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

75, 7.511, 310.667

Protanopia

75, 7.077, 296.710

Deuteranopia

75, 11.363, 326.453



Tritanopia
75, 8.020, 309.368

Trichromacy



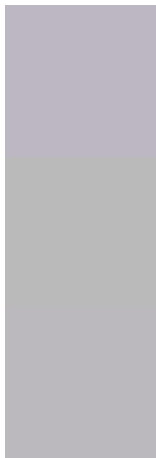
Original Color
75, 7.511, 310.667

Protanomaly
75, 7.128, 299.607

Deuteranomaly
75, 10.100, 321.366

Tritanomaly
75, 8.020, 309.368

Monochromacy



Original Color
75, 7.511, 310.667

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 2.296, 309.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 7.511, 310.667 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(189, 182, 195)` looks like.

```
.text, #text, p{  
    color:rgb(189, 182, 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(189, 182, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 182, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 7.511, 310.667 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(189, 182, 195) }
```

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

```
.border{ border-color:rgb(189, 182, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 182, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 182, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 182, 195);  
box-shadow:4px 4px 4px 4px rgb(189, 182,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 7.511, 310.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 182, 195) }
```

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

```
.background{ background-color: rgb(189,  
182, 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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