

Converting Colors

CIELCh(75, 5.765, 315.810)

Have a look what the booklet for
CIELCh(75, 5.765, 315.810) contains.

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Color

CIELCh(75, 6.017, 315.919)

Conversions

Conversions Part 1

Format	Color
Hex	BDB6C0
RGB	189, 182, 192
RGB Percent	74%, 71%, 75%
CMY	0.2575, 0.2849, 0.2457
CMYK	0.02, 0.05, 0.00, 0.25
HSL	282°, 7%, 73%
HSV	282°, 5%, 75%
XYZ	47.4206, 48.2781, 56.8872
YIQ	185.2330, 0.9620, 4.5940

Conversions

Conversions Part 2

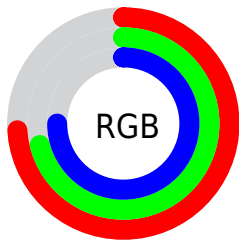
Format	Color
R_{YB}	189, 182, 192
Decimal	12433088
CIE _{Lab}	75.00, 4.32, -4.19
CIE _{LCh}	75, 6.017, 315.919
Yxy	48.2781, 0.3108, 0.3164
Android (android.graphics.Color)	4290623168 (0xFFBDB6C0)
YUV	185.2330, 3.3361, 3.3037
Hunter-Lab	69.4824, 0.2291, 0.0953

Details

The CIELCh color `75, 6.017, 315.919` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 5.976, 135.545`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 5.729, 315.865`, and `55, 6.397, 316.001` is the 20% darker color. If you saturate the color by 10%, you get `70, 17.761, 316.359`, and if you desaturate by 10%, it is `80, 5.468, 135.574`.

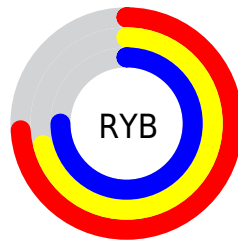
Distribution



Red (74%)

Green (71%)

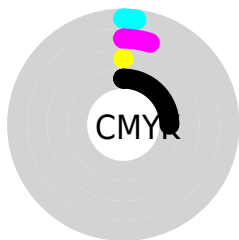
Blue (75%)



Red (74%)

Yellow (71%)

Blue (75%)

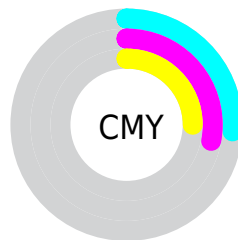


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (25%)



Cyan (26%)

Magenta (28%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 6.017, 315.919 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, 6.017, 315.919 by changing the saturation by 10% instead.

■ 75, 6.017, 315.919

■ 75, 6.017, 315.919

■ 100, 6.017,
315.919

■ 65, 6.017, 315.919

■ 95, 6.017, 315.919

■ 55, 6.017, 315.919

■ 45, 6.017, 315.919

■ 35, 6.017, 315.919

■ 25, 6.017, 315.919

■ 15, 6.017, 315.919

■ 5, 6.017, 315.919

■ 0, 6.017, 315.919

■ 75, 6.017, 315.919

■ 75, 6.017, 315.919

70, 17.761,
316.359

80, 5.468, 135.574

64, 29.696,
316.797

86, 16.648,
135.177

59, 41.688,
317.228

91, 27.508,
134.826

54, 53.527,
317.629

96, 35.514,
133.938

50, 64.891,
317.967

96, 34.596,
130.948

45, 75.328,
318.194

96, 33.774,
127.755

42, 84.264,
318.253

97, 33.063,
124.367

39, 91.090,
318.078

97, 32.475,
120.799

37, 95.367,

98, 32.022,
117.074

317.613

Harmonies

Complementary

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



75, 6.017, 315.919



77, 5.976, 135.545

Rectangle

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



75, 6.017, 315.919



75, 6.017, 5.919



75, 6.017, 135.919



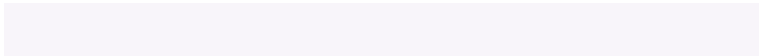
75, 6.017, 185.919

Sweetspot

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



75, 6.015, 315.916



97, 2.858, 315.740



75, 3.848, 273.138



52, 1.624, 315.732



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



75, 6.015, 315.916



94, 8.593, 315.958



75, 5.785, 330.216



39, 4.625, 315.979



30, 84.717, 317.461



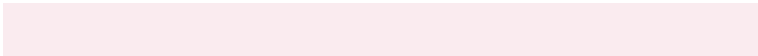
3, 21.209, 313.141

Inverse Universe

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



75, 4.084, 356.320



94, 5.840, 356.422



77, 5.764, 149.682



39, 3.145, 356.474



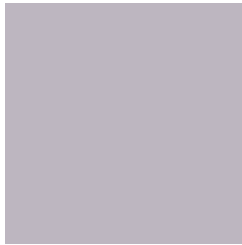
33, 61.855, 20.439



3, 14.615, 3.475

Previews

White Background



This preview shows how the CIELCh color 75, 6.017, 315.919 looks on a white background.

Color Contrast Check

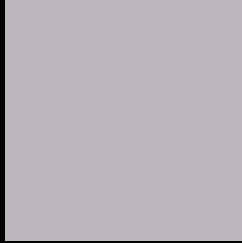
Large Text (above 18pt) WCAG AA × Fail

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, 6.017, 315.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

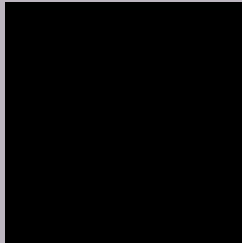
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

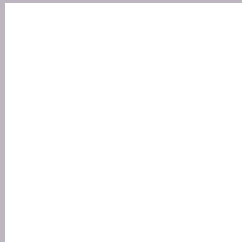
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 6.017, 315.919

Background



This preview shows how black text looks on a background with the CIELCh color 75, 6.017, 315.919.

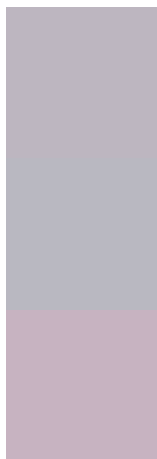


This preview shows how white text looks on a background with the CIELCh color 75, 6.017, 315.919.

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, 6.017, 315.919

Protanopia

75, 4.884, 294.922

Deuteranopia

75, 10.613, 334.938



Tritanopia
75, 8.145, 311.806

Trichromacy



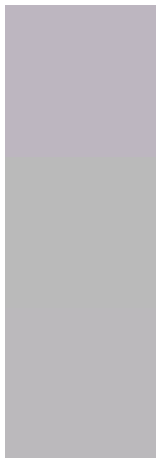
Original Color
75, 6.017, 315.919

Protanomaly
75, 5.621, 305.741

Deuteranomaly
75, 8.980, 328.725

Tritanomaly
75, 7.645, 313.248

Monochromacy



Original Color
75, 6.017, 315.919

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 1.794, 314.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 6.017, 315.919 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(189, 182, 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(189, 182, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 182, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 6.017, 315.919 is called "border". The border property can be set on classes, ids or directly on the HTML element.

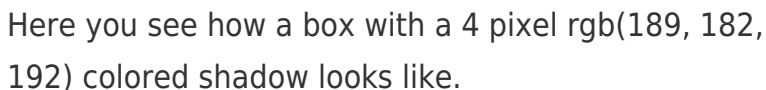
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 182, 192) }
```

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

```
.border{ border-color:rgb(189, 182, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 182, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 182, 192); box-shadow:4px 4px 4px 4px rgb(189, 182, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 6.017, 315.919 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, 192) }
```

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

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