

# Converting Colors

CIELCh(75, 5.961, 295.804)

Have a look what the booklet for  
CIELCh(75, 5.961, 295.804) contains.

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# Color

**CIELCh(75, 6.004, 297.695)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9B7C2
RGB	185, 183, 194
RGB Percent	73%, 72%, 76%
CMY	0.2731, 0.2810, 0.2378
CMYK	0.05, 0.06, 0.00, 0.24
HSL	251°, 8%, 74%
HSV	251°, 6%, 76%
XYZ	46.8732, 48.2781, 58.0931
YIQ	184.8520, -2.3390, 3.8450

# Conversions

## Conversions Part 2

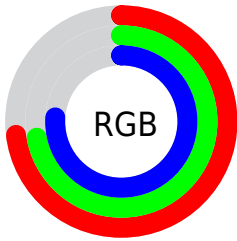
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	185, 183, 194
Decimal	12171202
CIE Lab	75.00, 2.79, -5.32
CIE LCh	75, 6.004, 297.695
Yxy	48.2781, 0.3059, 0.3150
Android (android.graphics.Color)	4290361282 (0xFFB9B7C2)
YUV	184.8520, 4.5100, 0.1298
Hunter-Lab	69.4824, -1.1773, -0.9337

# Details

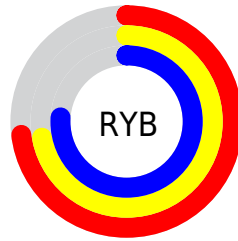
The CIELCh color `75, 6.004, 297.695` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `78, 5.917, 116.895`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 5.714, 297.606`, and `55, 5.819, 298.476` is the 20% darker color. If you saturate the color by 10%, you get `69, 16.913, 298.487`, and if you desaturate by 10%, it is `81, 4.499, 116.998`.

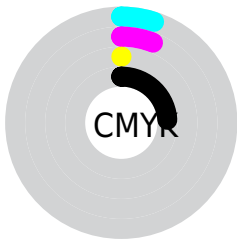
# Distribution



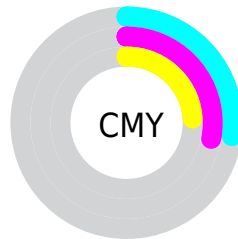
- Red (73%)
- Green (72%)
- Blue (76%)



- Red (73%)
- Yellow (72%)
- Blue (76%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (27%)
- Magenta (28%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 6.004, 297.695 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, 6.004, 297.695 by changing the saturation by 10% instead.



■ 75, 6.004, 297.695

■ 75, 6.004, 297.695

■ 100, 6.004,  
297.695

■ 65, 6.004, 297.695

■ 95, 6.004, 297.695

■ 55, 6.004, 297.695

■ 45, 6.004, 297.695

■ 35, 6.004, 297.695

■ 25, 6.004, 297.695

■ 15, 6.004, 297.695

■ 5, 6.004, 297.695

■ 0, 6.004, 297.695

■ 75, 6.004, 297.695

■ 75, 6.004, 297.695

69, 16.913,  
298.487

81, 4.499, 116.998

62, 28.252,  
299.411

88, 14.615,  
116.404

56, 40.021,  
300.465

94, 24.369,  
115.894

50, 52.186,  
301.650

98, 30.652,  
112.124

44, 64.621,  
302.940

99, 30.549,  
107.855

38, 77.022,  
304.273

33, 88.750,  
305.523

28, 98.694,  
306.491

26, 105.454,

306.947

# Harmonies

# Complementary

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



75, 6.004, 297.695



78, 5.917, 116.895

# Rectangle

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



75, 6.004, 297.695



75, 6.004, 347.695



75, 6.004, 117.695



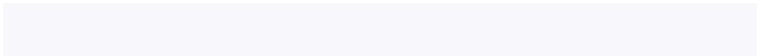
75, 6.004, 167.695

# Sweetspot

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



75, 6.002, 297.687



98, 2.612, 297.423



77, 3.450, 215.898



52, 1.497, 297.416



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, 6.002, 297.687



94, 9.202, 297.796



75, 6.550, 314.875



38, 4.813, 297.825



19, 93.410, 307.177



1, 19.590, 296.034



# Inverse Universe

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



76, 6.361, 330.190



95, 9.737, 330.288



78, 6.503, 134.462



39, 5.091, 330.314



36, 71.124, 336.947

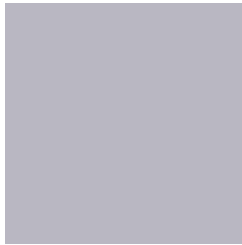


4, 20.388, 333.619



# Previews

## White Background



This preview shows how the CIELCh color 75, 6.004, 297.695 looks on a white background.

## Color Contrast Check

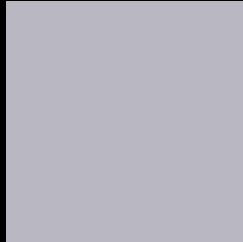
Large Text (above 18pt) WCAG AA × Fail

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, 6.004, 297.695 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

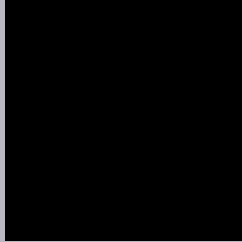
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

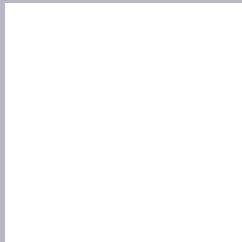
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**CIELCh 75, 6.004, 297.695**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 75, 6.004, 297.695.

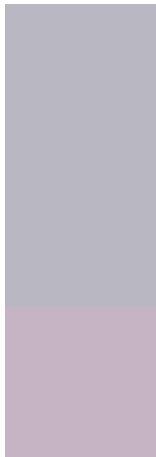


This preview shows how white text looks on a background with the CIELCh color 75, 6.004, 297.695.

# 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, 6.004, 297.695


### Protanopia

75, 6.004, 297.695

### Deuteranopia

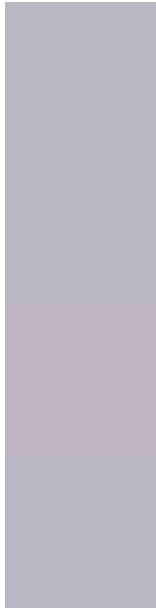
75, 11.162, 329.648





**Tritanopia**  
75, 7.662, 299.023

# Trichromacy



**Original Color**  
75, 6.004, 297.695

**Protanomaly**  
75, 6.004, 297.695

**Deuteranomaly**  
75, 8.793, 320.797

**Tritanomaly**  
75, 7.128, 299.607

# Monochromacy



**Original Color**  
75, 6.004, 297.695

**Achromatopsia**  
75, 0.009, 296.813

**Achromatomaly**  
75, 2.203, 300.026

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 75, 6.004, 297.695 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(185, 183, 194)` looks like.

```
.text, #text, p{  
    color:rgb(185, 183, 194)  
}
```

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(185, 183, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 183, 194) }
```

## Border

The CSS property to change the border of an element to CIELCh 75, 6.004, 297.695 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(185, 183, 194) }
```

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

```
.border{ border-color:rgb(185, 183, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 183, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 183, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 183, 194);  
box-shadow:4px 4px 4px 4px rgb(185, 183,  
194) }
```

# Background

The CSS property to change the background color of an element to CIELCh 75, 6.004, 297.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 183, 194) }
```

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

```
.background{ background-color: rgb(185,  
183, 194) }
```

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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