

Converting Colors

CIELCh(75, 5.697, 302.138)

Have a look what the booklet for
CIELCh(75, 5.697, 302.138) contains.

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Color

CIELCh(75, 5.533, 302.090)

Conversions

Conversions Part 1

Format	Color
Hex	BAB7C1
RGB	186, 183, 193
RGB Percent	73%, 72%, 76%
CMY	0.2698, 0.2815, 0.2423
CMYK	0.04, 0.05, 0.00, 0.24
HSL	258°, 7%, 74%
HSV	258°, 5%, 76%
XYZ	46.9263, 48.2781, 57.4205
YIQ	185.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

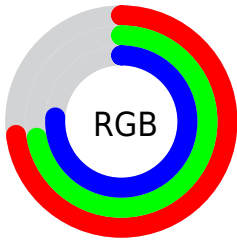
Format	Color
R _Y B	186, 183, 193
Decimal	12236737
CIE Lab	75.00, 2.94, -4.69
CIE LCh	75, 5.533, 302.090
Yxy	48.2781, 0.3075, 0.3163
Android (android.graphics.Color)	4290426817 (0xFFBAB7C1)
YUV	185.0370, 3.9258, 0.8446
Hunter-Lab	69.4824, -1.0410, -0.3597

Details

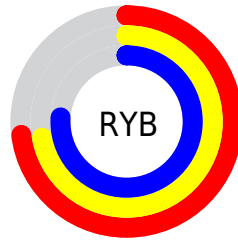
The CIELCh color $75, 5.533, 302.090$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 5.463, 121.513$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 5.267, 302.023$, and $55, 5.887, 302.199$ is the 20% darker color. If you saturate the color by 10%, you get $69, 16.494, 302.723$, and if you desaturate by 10%, it is $81, 5.048, 121.545$.

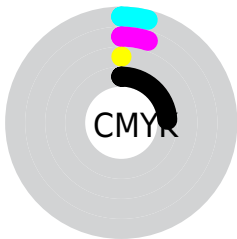
Distribution



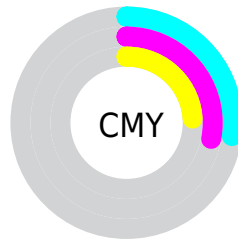
- Red (73%)
- Green (72%)
- Blue (76%)



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



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 5.533, 302.090 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, 5.533, 302.090 by changing the saturation by 10% instead.

■ 75, 5.533, 302.090

■ 75, 5.533, 302.090

100, 5.533,
302.090

■ 65, 5.533, 302.090

■ 95, 5.533, 302.090

■ 55, 5.533, 302.090

■ 45, 5.533, 302.090

■ 35, 5.533, 302.090

■ 25, 5.533, 302.090

■ 15, 5.533, 302.090

■ 5, 5.533, 302.090

■ 0, 5.533, 302.090

■ 75, 5.533, 302.090

■ 75, 5.533, 302.090

69, 16.494,
302.723

81, 5.048, 121.545

63, 27.844,
303.443

87, 15.258,
121.057

57, 39.562,
304.247

93, 25.117,
120.639

51, 51.582,
305.124

98, 31.662,
117.862

45, 63.745,
306.047

99, 31.121,
108.613

39, 75.725,
306.955

99, 31.116,
107.811

34, 86.922,
307.746

30, 96.384,
308.264

27, 102.969,

Harmonies

Complementary

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



75, 5.533, 302.090



78, 5.463, 121.513

Rectangle

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



75, 5.533, 302.090



75, 5.533, 352.090



75, 5.533, 122.090



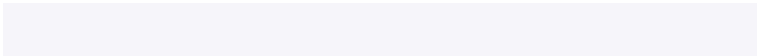
75, 5.533, 172.090

Sweetspot

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



75, 5.531, 302.082



97, 2.627, 301.886



77, 2.995, 229.990



52, 1.493, 301.879



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, 5.531, 302.082



94, 7.914, 302.138



75, 6.148, 318.501



39, 4.261, 302.167



21, 91.809, 308.420



2, 19.738, 299.177

Inverse Universe

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



75, 5.316, 334.563



94, 7.601, 334.635



77, 6.116, 138.116



39, 4.091, 334.671



35, 65.482, 344.639



4, 18.263, 340.217

Previews

White Background



This preview shows how the CIELCh color 75, 5.533, 302.090 looks on a white background.

Color Contrast Check

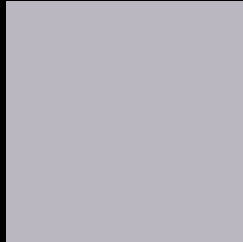
Large Text (above 18pt) WCAG AA × Fail

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, 5.533, 302.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

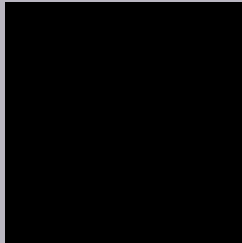
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

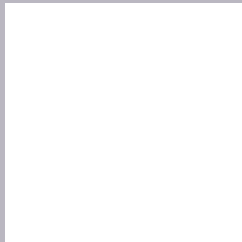
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 5.533, 302.090

Background



This preview shows how black text looks on a background with the CIELCh color 75, 5.533, 302.090.



This preview shows how white text looks on a background with the CIELCh color 75, 5.533, 302.090.

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, 5.533, 302.090

Protanopia

75, 5.469, 298.347

Deuteranopia

75, 10.753, 331.469



Tritanopia
75, 7.726, 301.682

Trichromacy



Original Color
75, 5.533, 302.090

Protanomaly
75, 5.469, 298.347

Deuteranomaly
75, 8.535, 324.777

Tritanomaly
75, 7.196, 302.463

Monochromacy



Original Color
75, 5.533, 302.090

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, 5.533, 302.090 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(186, 183, 193)` looks like.

```
.text, #text, p{  
    color:rgb(186, 183, 193)  
}
```

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(186, 183, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 183, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 5.533, 302.090 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(186, 183, 193) }
```

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

```
.border{ border-color:rgb(186, 183, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 183, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 183, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 183, 193);  
box-shadow:4px 4px 4px 4px rgb(186, 183,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 5.533, 302.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 183, 193) }
```

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

```
.background{ background-color: rgb(186,  
183, 193) }
```

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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