

Converting Colors

CIELCh(76, 6.688, 301.402)

Have a look what the booklet for
CIELCh(76, 6.688, 301.402) contains.

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Color

CIELCh(76, 6.575, 300.287)

Conversions

Conversions Part 1

Format	Color
Hex	BDBAC6
RGB	189, 186, 198
RGB Percent	74%, 73%, 78%
CMY	0.2597, 0.2714, 0.2244
CMYK	0.05, 0.06, 0.00, 0.22
HSL	255°, 9%, 75%
HSV	255°, 6%, 78%
XYZ	48.6158, 49.8872, 60.3628
YIQ	188.2650, -2.0640, 4.3680

Conversions

Conversions Part 2

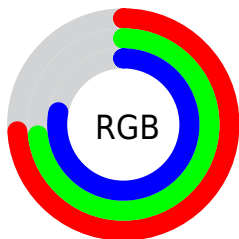
Format	Color
RYB	189, 186, 198
Decimal	12434118
CIELab	76.00, 3.32, -5.68
CIELCh	76, 6.575, 300.287
Yxy	49.8872, 0.3060, 0.3140
Android (android.graphics.Color)	4290624198 (0xFFBDBAC6)
YUV	188.2650, 4.7994, 0.6446
Hunter-Lab	70.6309, -0.7412, -1.2289

Details

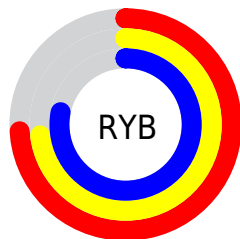
The CIELCh color $76, 6.575, 300.287$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 6.481, 119.535$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 6.768, 299.507$, and $56, 6.425, 301.224$ is the 20% darker color. If you saturate the color by 10%, you get $70, 17.723, 300.990$, and if you desaturate by 10%, it is $82, 4.173, 119.678$.

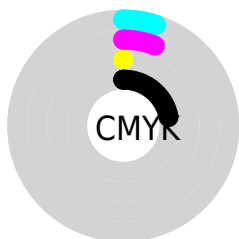
Distribution



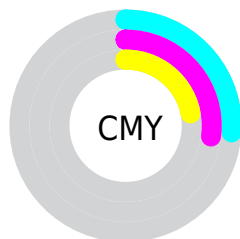
- Red (74%)
- Green (73%)
- Blue (78%)



- Red (74%)
- Yellow (73%)
- Blue (78%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)



- Cyan (26%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 6.575, 300.287 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 76, 6.575, 300.287 by changing the saturation by 10% instead.

■ 76, 6.575, 300.287

■ 76, 6.575, 300.287

■ 100, 6.575,
300.287

■ 66, 6.575, 300.287

■ 96, 6.575, 300.287

■ 56, 6.575, 300.287

■ 46, 6.575, 300.287

■ 36, 6.575, 300.287

■ 26, 6.575, 300.287

■ 16, 6.575, 300.287

■ 6, 6.575, 300.287

■ 0, 6.575, 300.287

■ 76, 6.575, 300.287

■ 76, 6.575, 300.287

70, 17.723,
300.990

82, 4.173, 119.678

63, 29.287,
301.797

88, 14.534,
119.142

57, 41.252,
302.707

95, 24.531,
118.683

51, 53.560,
303.712

98, 28.977,
113.101

45, 66.055,
304.783

99, 28.839,
107.986

39, 78.397,
305.856

34, 89.929,
306.814

30, 99.590,
307.481

27, 106.128,

307.663

Harmonies

Complementary

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



76, 6.575, 300.287



79, 6.481, 119.535

Rectangle

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



76, 6.575, 300.287



76, 6.575, 350.287



76, 6.575, 120.287



76, 6.575, 170.287

Sweetspot

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



76, 6.573, 300.280



98, 2.652, 300.013



78, 3.618, 223.806



53, 1.508, 300.006



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 6.573, 300.280



95, 9.342, 300.350



76, 7.247, 317.007



39, 4.952, 300.377



21, 93.647, 307.808



2, 21.732, 298.296

Inverse Universe

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



77, 6.585, 332.673



96, 9.350, 332.748



79, 7.203, 136.547



40, 4.954, 332.776



36, 68.475, 341.191



4, 21.480, 337.637

Previews

White Background



This preview shows how the CIELCh color 76, 6.575, 300.287 looks on a white background.

Color Contrast Check

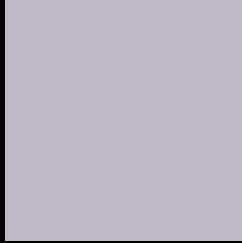
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 76, 6.575, 300.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

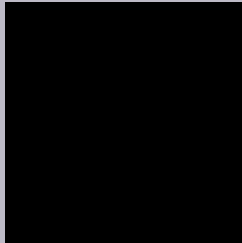
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 6.575, 300.287

Background



This preview shows how black text looks on a background with the CIELCh color 76, 6.575, 300.287.

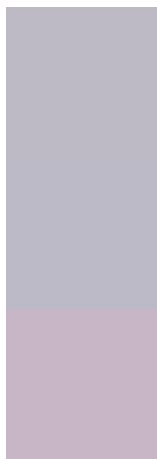


This preview shows how white text looks on a background with the CIELCh color 76, 6.575, 300.287.

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


76, 6.575, 300.287

Protanopia

76, 6.521, 297.151

Deuteranopia

76, 11.330, 326.445



Tritanopia
76, 8.240, 301.003

Trichromacy



Original Color
76, 6.575, 300.287

Protanomaly
76, 6.521, 297.151

Deuteranomaly
76, 9.889, 319.518

Tritanomaly
76, 7.710, 301.678

Monochromacy



Original Color
76, 6.575, 300.287

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.728, 298.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 6.575, 300.287 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, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(189, 186, 198)  
}
```

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, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 186, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 6.575, 300.287 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, 186, 198) }
```

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

```
.border{ border-color:rgb(189, 186, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 186, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 186, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 186, 198);  
box-shadow:4px 4px 4px 4px rgb(189, 186,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 6.575, 300.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 186, 198) }
```

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

```
.background{ background-color: rgb(189,  
186, 198) }
```

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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