

Converting Colors

CIELCh(76, 5.245, 300.848)

Have a look what the booklet for
CIELCh(76, 5.245, 300.848) contains.

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Color

CIELCh(76, 5.517, 302.086)

Conversions

Conversions Part 1

Format	Color
Hex	BDBAC4
RGB	189, 186, 196
RGB Percent	74%, 73%, 77%
CMY	0.2590, 0.2708, 0.2316
CMYK	0.04, 0.05, 0.00, 0.23
HSL	258°, 8%, 75%
HSV	258°, 5%, 77%
XYZ	48.4754, 49.8872, 59.2637
YIQ	188.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

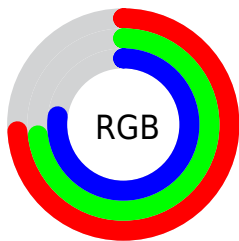
Format	Color
R _Y B	189, 186, 196
Decimal	12434116
CIE Lab	76.00, 2.93, -4.67
CIE LCh	76, 5.517, 302.086
Yxy	49.8872, 0.3075, 0.3165
Android (android.graphics.Color)	4290624196 (0xFFBDBAC4)
YUV	188.0370, 3.9258, 0.8446
Hunter-Lab	70.6309, -1.0961, -0.3063

Details

The CIELCh color $76, 5.517, 302.086$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 5.447, 121.517$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 5.757, 301.029$, and $56, 5.303, 303.377$ is the 20% darker color. If you saturate the color by 10%, you get $70, 16.601, 302.719$, and if you desaturate by 10%, it is $82, 5.183, 121.541$.

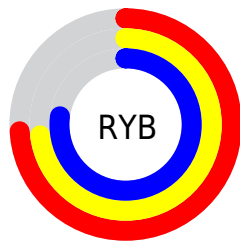
Distribution



Red (74%)

Green (73%)

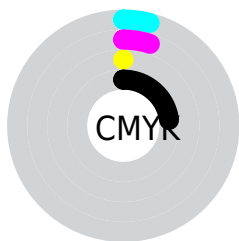
Blue (77%)



Red (74%)

Yellow (73%)

Blue (77%)

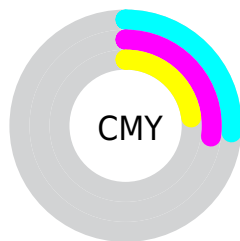


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (23%)



Cyan (26%)

Magenta (27%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 5.517, 302.086 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, 5.517, 302.086 by changing the saturation by 10% instead.

■ 76, 5.517, 302.086

■ 76, 5.517, 302.086

100, 5.517,
302.086

■ 66, 5.517, 302.086

■ 96, 5.517, 302.086

■ 56, 5.517, 302.086

■ 46, 5.517, 302.086

■ 36, 5.517, 302.086

■ 26, 5.517, 302.086

■ 16, 5.517, 302.086

■ 6, 5.517, 302.086

■ 0, 5.517, 302.086

■ 76, 5.517, 302.086

■ 76, 5.517, 302.086

70, 16.601,
302.719

82, 5.183, 121.541

64, 28.079,
303.439

88, 15.507,
121.053

58, 39.931,
304.244

94, 25.476,
120.635

51, 52.088,
305.122

98, 30.095,
115.949

46, 64.390,
306.045

99, 29.757,
107.916

40, 76.509,
306.954

35, 87.835,
307.746

31, 97.405,
308.264

28, 104.060,

Harmonies

Complementary

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



76, 5.517, 302.086



79, 5.447, 121.517

Rectangle

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



76, 5.517, 302.086



76, 5.517, 352.086



76, 5.517, 122.086



76, 5.517, 172.086

Sweetspot

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



76, 5.515, 302.078



98, 2.670, 301.886



78, 2.987, 229.988



53, 1.518, 301.880



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, 5.515, 302.078



95, 8.045, 302.139



76, 6.130, 318.498



39, 4.261, 302.167



21, 91.808, 308.420



2, 19.738, 299.177

Inverse Universe

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



76, 5.301, 334.558



96, 7.726, 334.636



78, 6.098, 138.120



39, 4.091, 334.671



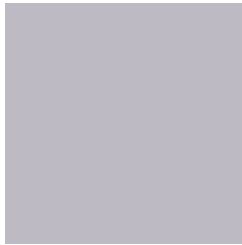
35, 65.482, 344.639



4, 18.263, 340.217

Previews

White Background



This preview shows how the CIELCh color 76, 5.517, 302.086 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 76, 5.517, 302.086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

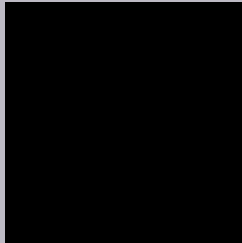
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 5.517, 302.086

Background



This preview shows how black text looks on a background with the CIELCh color 76, 5.517, 302.086.

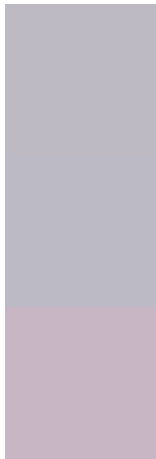


This preview shows how white text looks on a background with the CIELCh color 76, 5.517, 302.086.

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, 5.517, 302.086

Protanopia

76, 5.452, 298.342

Deuteranopia

76, 10.722, 331.460



Tritanopia
76, 8.314, 303.455

Trichromacy



Original Color
76, 5.517, 302.086

Protanomaly
76, 5.452, 298.342

Deuteranomaly
76, 9.168, 324.801

Tritanomaly
76, 7.790, 304.294

Monochromacy



Original Color
76, 5.517, 302.086

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.197, 300.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 5.517, 302.086 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(189, 186, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 186, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 5.517, 302.086 is called "border". The border property can be set on classes, ids or directly on the HTML element.

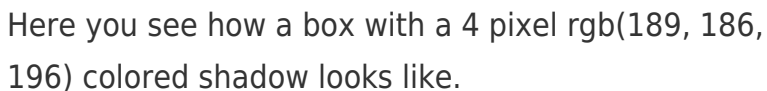
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 186, 196) }
```

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

```
.border{ border-color:rgb(189, 186, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 186, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 186, 196); box-shadow:4px 4px 4px 4px rgb(189, 186, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 5.517, 302.086 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, 196) }
```

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

```
.background{ background-color: rgb(189,  
186, 196) }
```

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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