

Converting Colors

CIELCh(76, 11.334, 309.066)

Have a look what the booklet for
CIELCh(76, 11.334, 309.066)
contains.

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Color

CIELCh(76, 11.303, 307.757)

Conversions

Conversions Part 1

Format	Color
Hex	C1B8CC
RGB	193, 184, 204
RGB Percent	76%, 72%, 80%
CMY	0.2437, 0.2790, 0.2006
CMYK	0.05, 0.10, 0.00, 0.20
HSL	267°, 16%, 76%
HSV	267°, 10%, 80%
XYZ	49.9426, 49.8872, 64.0262
YIQ	188.9710, -1.0560, 8.1280

Conversions

Conversions Part 2

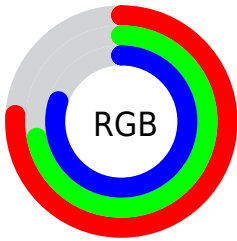
Format	Color
R _Y B	193, 184, 204
Decimal	12695756
CIE Lab	76.00, 6.92, -8.94
CIE LCh	76, 11.303, 307.757
Yxy	49.8872, 0.3048, 0.3045
Android (android.graphics.Color)	4290885836 (0xFFC1B8CC)
YUV	188.9710, 7.4093, 3.5334
Hunter-Lab	70.6309, 2.6119, -4.3042

Details

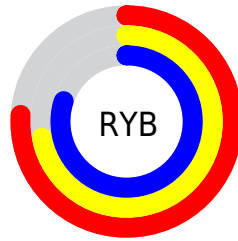
The CIELCh color **76, 11.303, 307.757** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 11.127, 126.857**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 8.350, 312.708**, and **56, 11.352, 306.874** is the 20% darker color. If you saturate the color by 10%, you get **70, 23.163, 308.281**, and if you desaturate by 10%, it is **82, 0.207, 127.787**.

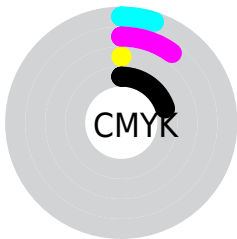
Distribution



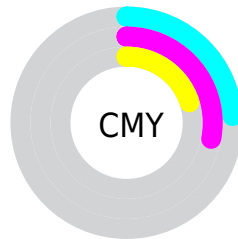
- Red (76%)
- Green (72%)
- Blue (80%)



- Red (76%)
- Yellow (72%)
- Blue (80%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)





- Cyan (24%)
- Magenta (28%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.303, 307.757 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, 11.303, 307.757 by changing the saturation by 10% instead.


 76, 11.303,
307.757


 76, 11.303,
307.757


 100, 11.303,
307.757


 66, 11.303,
307.757


 96, 11.303,
307.757

 56, 11.303,
307.757

 46, 11.303,
307.757

 36, 11.303,
307.757

 26, 11.303,
307.757

 16, 11.303,
307.757

 6, 11.303, 307.757

0, 11.303, 307.757

76, 11.303,
307.757

76, 11.303,
307.757

70, 23.163,
308.281

82, 0.207, 127.787

64, 35.342,
308.850

88, 11.353,
126.881

58, 47.755,
309.450

94, 22.139,
126.507

52, 60.235,
310.057

98, 26.682,
122.127

47, 72.480,
310.624

98, 25.933,
113.253

41, 83.989,
311.081

99, 25.812,
108.219

■ 37, 94.012,
311.323

■ 34, 101.630,
311.221

■ 31, 106.538,
310.753

Harmonies

Complementary

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



76, 11.303, 307.757



81, 11.127, 126.857

Rectangle

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



76, 11.303, 307.757



76, 11.303, 357.757



76, 11.303, 127.757



76, 11.303, 177.757

Sweetspot

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



76, 11.301, 307.754



98, 4.109, 307.409



78, 6.077, 249.114



52, 3.117, 307.453



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, 11.301, 307.754



91, 16.639, 307.874



77, 12.765, 323.116



40, 6.536, 307.733



24, 91.275, 310.909



2, 24.325, 304.833

Inverse Universe

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



77, 9.501, 341.787



92, 13.974, 341.991



80, 12.731, 142.134



40, 5.496, 341.751



36, 62.188, 357.000



4, 20.469, 350.361

Previews

White Background



This preview shows how the CIELCh color 76, 11.303, 307.757 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, 11.303, 307.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

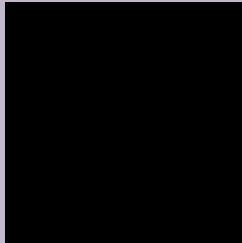
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

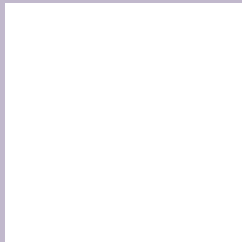
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 11.303, 307.757

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.303, 307.757.



This preview shows how white text looks on a background with the CIELCh color 76, 11.303, 307.757.

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, 11.303, 307.757

Protanopia

76, 10.240, 289.152

Deuteranopia

76, 13.256, 317.030



Tritanopia
76, 7.996, 309.363

Trichromacy



Original Color
76, 11.303, 307.757

Protanomaly
76, 10.856, 296.822

Deuteranomaly
76, 12.309, 313.531

Tritanomaly
76, 9.022, 307.223

Monochromacy



Original Color
76, 11.303, 307.757

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 3.944, 306.680

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.303, 307.757 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(193, 184, 204)` looks like.

```
.text, #text, p{  
    color:rgb(193, 184, 204)  
}
```

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(193, 184, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 184, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.303, 307.757 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(193, 184, 204) }
```

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

```
.border{ border-color:rgb(193, 184, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 184, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 184, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 184, 204);  
box-shadow:4px 4px 4px 4px rgb(193, 184,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.303, 307.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 184, 204) }
```

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

```
.background{ background-color: rgb(193,  
184, 204) }
```

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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