

Converting Colors

CIELCh(76, 11.131, 324.886)

Have a look what the booklet for
CIELCh(76, 11.131, 324.886)
contains.

CIELCh(76, 11.120, 324.884)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 11.120, 324.884)

Conversions

Conversions Part 1

Format	Color
Hex	C7B6C7
RGB	199, 182, 199
RGB Percent	78%, 71%, 78%
CMY	0.2185, 0.2852, 0.2185
CMYK	0.00, 0.09, 0.00, 0.22
HSL	300°, 13%, 75%
HSV	300°, 9%, 78%
XYZ	50.7546, 49.8872, 61.1587
YIQ	189.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

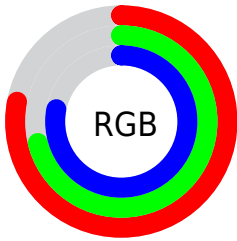
Format	Color
R _Y B	199, 182, 199
Decimal	13088455
CIE Lab	76.00, 9.10, -6.40
CIE LCh	76, 11.120, 324.884
Yxy	49.8872, 0.3137, 0.3083
Android (android.graphics.Color)	4291278535 (0xFFC7B6C7)
YUV	189.0210, 4.9196, 8.7516
Hunter-Lab	70.6309, 4.6642, -1.8971

Details

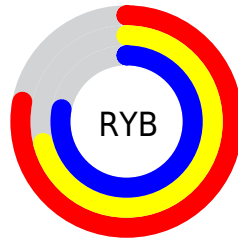
The CIELCh color **76, 11.120, 324.884** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 11.100, 143.969**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 10.602, 324.781**, and **56, 11.110, 325.011** is the 20% darker color. If you saturate the color by 10%, you get **71, 24.251, 325.442**, and if you desaturate by 10%, it is **81, 1.889, 144.500**.

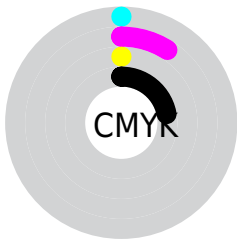
Distribution



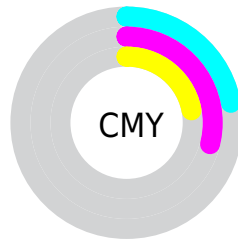
- Red (78%)
- Green (71%)
- Blue (78%)



- Red (78%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.120, 324.884 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, 11.120, 324.884 by changing the saturation by 10% instead.


 76, 11.120,
324.884


 76, 11.120,
324.884


 100, 11.120,
324.884


 66, 11.120,
324.884


 96, 11.120,
324.884

 56, 11.120,
324.884

 46, 11.120,
324.884

 36, 11.120,
324.884

 26, 11.120,
324.884

 16, 11.120,
324.884

 6, 11.120, 324.884

76, 11.120,
324.884

76, 11.120,
324.884

71, 24.251,
325.442

81, 1.889, 144.500

66, 37.316,
325.981

86, 14.640,
143.850

62, 50.030,
326.494

92, 27.062,
143.328

58, 62.013,
326.966

95, 34.926,
143.004

55, 72.802,
327.381

95, 34.926,
143.004

52, 81.894,
327.721

95, 34.925,
143.004

■ 50, 88.841,
327.976

■ 95, 34.925,
143.004

■ 48, 93.381,
328.140

■ 95, 34.925,
143.005

■ 47, 95.708,
328.224

■ 95, 34.925,
143.005

Harmonies

Complementary

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



76, 11.120, 324.884



79, 11.100, 143.969

Rectangle

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



76, 11.120, 324.884



76, 11.120, 14.884



76, 11.120, 144.884



76, 11.120, 194.884

Sweetspot

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



76, 11.118, 324.884



98, 4.763, 324.543



75, 9.198, 291.052



52, 3.611, 324.601



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, 11.118, 324.884



94, 15.934, 324.976



76, 7.830, 344.306



39, 7.382, 324.933



39, 82.759, 328.233



4, 26.741, 327.027

Inverse Universe

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



76, 11.118, 324.884



94, 15.934, 324.976



79, 7.739, 162.996



39, 7.382, 324.933



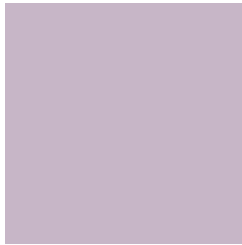
39, 82.759, 328.233



4, 26.741, 327.027

Previews

White Background



This preview shows how the CIELCh color 76, 11.120, 324.884 looks on a white background.

Color Contrast Check

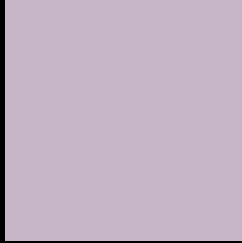
Large Text (above 18pt) WCAG AA × Fail

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, 11.120, 324.884 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, 11.120, 324.884

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.120, 324.884.



This preview shows how white text looks on a background with the CIELCh color 76, 11.120, 324.884.

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, 11.120, 324.884

Protanopia

76, 8.637, 293.359

Deuteranopia

76, 11.330, 326.445



Tritanopia
76, 9.601, 328.482

Trichromacy



Original Color
76, 11.120, 324.884

Protanomaly
76, 8.924, 304.992

Deuteranomaly
76, 11.330, 326.445

Tritanomaly
76, 10.027, 326.589

Monochromacy



Original Color
76, 11.120, 324.884

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 3.936, 324.547

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.120, 324.884 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(199, 182, 199)` looks like.

```
.text, #text, p{  
    color:rgb(199, 182, 199)  
}
```

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(199, 182, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 182, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.120, 324.884 is called "border". The border property can be set on classes, ids or directly on the HTML element.

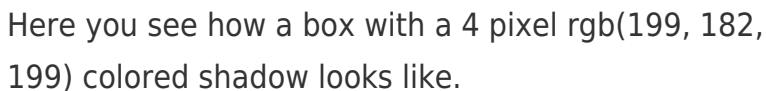
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 182, 199) }
```

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

```
.border{ border-color:rgb(199, 182, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 182, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 182, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 182, 199); box-shadow:4px 4px 4px 4px rgb(199, 182, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.120, 324.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 182, 199) }
```

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

```
.background{ background-color: rgb(199,  
182, 199) }
```

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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