

# Converting Colors

CIELCh(76, 11.357, 346.707)

Have a look what the booklet for  
CIELCh(76, 11.357, 346.707)  
contains.

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# **Color**

**CIELCh(76, 11.057, 348.060)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CEB5C0
RGB	206, 181, 192
RGB Percent	81%, 71%, 75%
CMY	0.1927, 0.2908, 0.2476
CMYK	0.00, 0.12, 0.07, 0.19
HSL	334°, 20%, 76%
HSV	334°, 12%, 81%
XYZ	51.4036, 49.8872, 56.7029
YIQ	189.7290, 11.3690, 8.7210

# Conversions

## Conversions Part 2

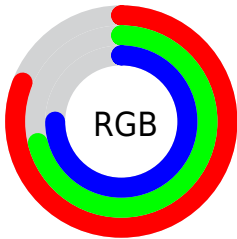
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	206, 181, 192
Decimal	13546944
CIE Lab	76.00, 10.82, -2.29
CIE LCh	76, 11.057, 348.060
Yxy	49.8872, 0.3254, 0.3158
Android (android.graphics.Color)	4291737024 (0xFFCEB5C0)
YUV	189.7290, 1.1196, 14.2697
Hunter-Lab	70.6309, 6.3044, 1.8433

# Details

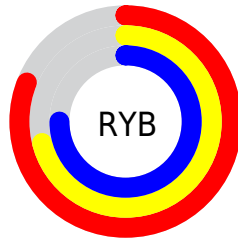
The CIELCh color **76, 11.057, 348.060** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 10.833, 165.990**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 8.536, 338.594**, and **56, 11.406, 347.310** is the 20% darker color. If you saturate the color by 10%, you get **71, 20.401, 349.096**, and if you desaturate by 10%, it is **82, 1.925, 346.976**.

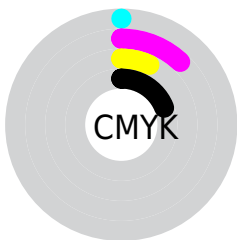
# Distribution



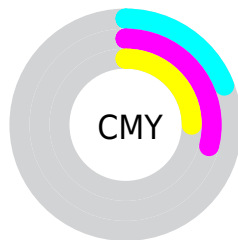
- Red (81%)
- Green (71%)
- Blue (75%)



- Red (81%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (19%)




- Cyan (19%)
- Magenta (29%)
- Yellow (25%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.057, 348.060 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, 11.057, 348.060 by changing the saturation by 10% instead.





 76, 11.057,  
348.060


 76, 11.057,  
348.060


 100, 11.057,  
348.060


 66, 11.057,  
348.060


 96, 11.057,  
348.060

 56, 11.057,  
348.060

 46, 11.057,  
348.060

 36, 11.057,  
348.060

 26, 11.057,  
348.060

 16, 11.057,  
348.060

 6, 11.057, 348.060

0, 11.057, 348.060

76, 11.057,  
348.060

76, 11.057,  
348.060

71, 20.401,  
349.096

82, 1.925, 346.976

65, 29.833,  
350.259

87, 6.915, 166.455

61, 39.133,  
351.608

93, 15.435,  
165.683

56, 47.982,  
353.212

96, 19.091,  
170.997

52, 55.959,  
355.167

97, 16.773,  
188.668

49, 62.589,  
357.605

97, 16.298,  
198.423

■ 46, 67.465, 0.692

■ 45, 70.444, 4.598

■ 44, 71.871, 8.183

# Harmonies

# Complementary

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



76, 11.057, 348.060



81, 10.833, 165.990

# Rectangle

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



76, 11.057, 348.060



76, 11.057, 38.060



76, 11.057, 168.060



76, 11.057, 218.060

# Sweetspot

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



76, 11.055, 348.064



97, 4.286, 347.247



75, 14.433, 311.312



52, 3.049, 347.333



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, 11.055, 348.064



90, 16.314, 348.368



76, 9.074, 24.309



40, 5.108, 347.795



35, 61.157, 7.350



4, 19.382, 357.199



# Inverse Universe

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



76, 11.055, 348.064



90, 16.314, 348.368



81, 8.387, 203.415



40, 5.108, 347.795



35, 61.157, 7.350

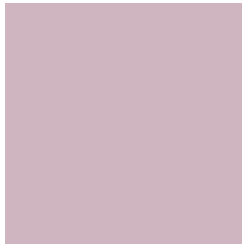


4, 19.382, 357.199



# Previews

## White Background



This preview shows how the CIELCh color 76, 11.057, 348.060 looks on a white background.

## Color Contrast Check

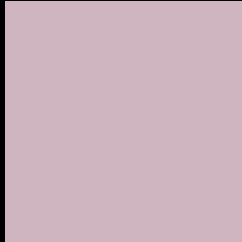
Large Text (above 18pt) WCAG AA × Fail

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, 11.057, 348.060 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, 11.057, 348.060

## Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.057, 348.060.



This preview shows how white text looks on a background with the CIELCh color 76, 11.057, 348.060.

# 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, 11.057, 348.060

**Protanopia**  
76, 4.991, 303.286

**Deuteranopia**  
76, 9.820, 347.075





**Tritanopia**  
76, 12.596, 340.685

# Trichromacy



**Original Color**  
76, 11.057, 348.060

**Protanomaly**  
76, 6.775, 327.279

**Deuteranomaly**  
76, 10.136, 348.279

**Tritanomaly**  
76, 12.269, 342.632

# Monochromacy



**Original Color**  
76, 11.057, 348.060

**Achromatopsia**  
77, 0.009, 296.813

**Achromatomaly**  
77, 3.988, 347.044

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 76, 11.057, 348.060 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(206, 181, 192)` looks like.

```
.text, #text, p{  
    color:rgb(206, 181, 192)  
}
```

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(206, 181, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 181, 192) }
```

## Border

The CSS property to change the border of an element to CIELCh 76, 11.057, 348.060 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(206, 181, 192) }
```

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

```
.border{ border-color:rgb(206, 181, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 181, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 181, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 181, 192);  
box-shadow:4px 4px 4px 4px rgb(206, 181,  
192) }
```

# Background

The CSS property to change the background color of an element to CIELCh 76, 11.057, 348.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 181, 192) }
```

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

```
.background{ background-color: rgb(206,  
181, 192) }
```

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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