

Converting Colors

CIELCh(76, 9.536, 349.785)

Have a look what the booklet for
CIELCh(76, 9.536, 349.785) contains.

CIELCh(76, 9.546, 349.790)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 9.546, 349.790)

Conversions

Conversions Part 1

Format	Color
Hex	CCB6BF
RGB	204, 182, 191
RGB Percent	80%, 71%, 75%
CMY	0.2011, 0.2874, 0.2521
CMYK	0.00, 0.11, 0.06, 0.20
HSL	335°, 18%, 76%
HSV	335°, 11%, 80%
XYZ	50.8669, 49.8872, 56.0757
YIQ	189.6040, 10.2230, 7.4630

Conversions

Conversions Part 2

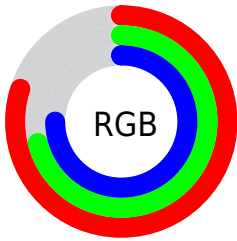
Format	Color
RYB	204, 182, 191
Decimal	13416127
CIELab	76.00, 9.39, -1.69
CIELCh	76, 9.546, 349.790
Yxy	49.8872, 0.3243, 0.3181
Android (android.graphics.Color)	4291606207 (0xFFCCB6BF)
YUV	189.6040, 0.6882, 12.6253
Hunter-Lab	70.6309, 4.9478, 2.3698

Details

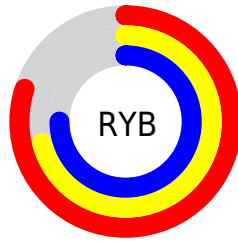
The CIELCh color $76, 9.546, 349.790$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 9.349, 167.947$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 7.610, 342.579$, and $56, 9.801, 348.896$ is the 20% darker color. If you saturate the color by 10%, you get $71, 18.638, 350.844$, and if you desaturate by 10%, it is $82, 0.696, 348.294$.

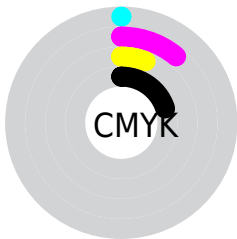
Distribution



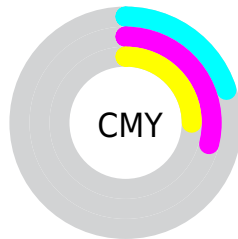
- Red (80%)
- Green (71%)
- Blue (75%)



- Red (80%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 9.546, 349.790 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, 9.546, 349.790 by changing the saturation by 10% instead.

■ 76, 9.546, 349.790

■ 76, 9.546, 349.790

■ 100, 9.546,
349.790

■ 66, 9.546, 349.790

■ 96, 9.546, 349.790

■ 56, 9.546, 349.790

■ 46, 9.546, 349.790

■ 36, 9.546, 349.790

■ 26, 9.546, 349.790

■ 16, 9.546, 349.790

■ 6, 9.546, 349.790

■ 0, 9.546, 349.790

■ 76, 9.546, 349.790

■ 76, 9.546, 349.790

71, 18.638,
350.844

82, 0.696, 348.294

65, 27.863,
352.028

87, 7.845, 168.174

61, 37.027,
353.406

93, 16.059,
167.407

56, 45.838,
355.050

96, 19.476,
173.054

52, 53.902,
357.060

97, 17.271,
191.357

49, 60.762,
359.572

97, 16.960,
198.380

46, 66.012, 2.755

44, 69.483, 6.781

43, 71.546, 11.173

Harmonies

Complementary

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



76, 9.546, 349.790



80, 9.349, 167.947

Rectangle

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



76, 9.546, 349.790



76, 9.546, 39.790



76, 9.546, 169.790



76, 9.546, 219.790

Sweetspot

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



76, 9.544, 349.796



98, 3.147, 348.961



76, 12.795, 312.370



52, 2.388, 349.068



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, 9.544, 349.796



91, 13.840, 350.036



76, 7.717, 27.246



40, 5.010, 349.655



35, 61.303, 10.333



4, 19.152, 359.014

Inverse Universe

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



76, 9.544, 349.796



91, 13.840, 350.036



80, 7.196, 206.775



40, 5.010, 349.655



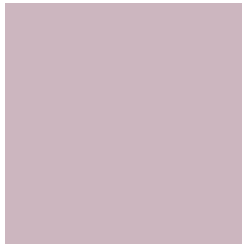
35, 61.303, 10.333



4, 19.152, 359.014

Previews

White Background



This preview shows how the CIELCh color 76, 9.546, 349.790 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, 9.546, 349.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

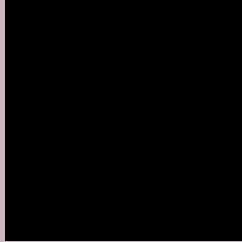
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 9.546, 349.790

Background



This preview shows how black text looks on a background with the CIELCh color 76, 9.546, 349.790.



This preview shows how white text looks on a background with the CIELCh color 76, 9.546, 349.790.

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, 9.546, 349.790

Protanopia

76, 3.948, 306.681

Deuteranopia

76, 9.546, 349.790



Tritanopia
76, 11.399, 339.044

Trichromacy



Original Color
76, 9.546, 349.790

Protanomaly
76, 5.707, 330.792

Deuteranomaly
76, 9.546, 349.790

Tritanomaly
76, 10.736, 343.389

Monochromacy



Original Color
76, 9.546, 349.790

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 3.684, 343.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 9.546, 349.790 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(204, 182, 191)` looks like.

```
.text, #text, p{  
    color:rgb(204, 182, 191)  
}
```

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(204, 182, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 182, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 9.546, 349.790 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(204, 182, 191) }
```

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

```
.border{ border-color:rgb(204, 182, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 182, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 182, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 182, 191);  
box-shadow:4px 4px 4px 4px rgb(204, 182,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 9.546, 349.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 182, 191) }
```

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

```
.background{ background-color: rgb(204,  
182, 191) }
```

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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