

Converting Colors

CIELCh(76, 13.583, 308.139)

Have a look what the booklet for
CIELCh(76, 13.583, 308.139)
contains.

CIELCh(76, 13.583, 308.139)	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, 13.583, 308.139)

Conversions

Conversions Part 1

Format	Color
Hex	C2B7CF
RGB	194, 183, 207
RGB Percent	76%, 72%, 81%
CMY	0.2389, 0.2820, 0.1879
CMYK	0.06, 0.12, 0.00, 0.19
HSL	267°, 20%, 77%
HSV	267°, 12%, 81%
XYZ	50.4895, 49.8872, 66.0497
YIQ	189.0250, -1.1480, 9.7960

Conversions

Conversions Part 2

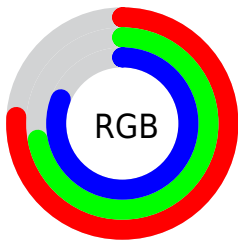
Format	Color
RYB	194, 183, 207
Decimal	12761039
CIELab	76.00, 8.39, -10.68
CIELCh	76, 13.583, 308.139
Yxy	49.8872, 0.3034, 0.2998
Android (android.graphics.Color)	4290951119 (0xFFC2B7CF)
YUV	189.0250, 8.8617, 4.3631
Hunter-Lab	70.6309, 3.9941, -6.0028

Details

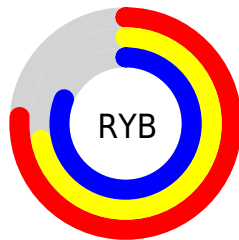
The CIELCh color **76, 13.583, 308.139** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 13.344, 127.072**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 9.261, 317.538**, and **56, 13.774, 307.480** is the 20% darker color. If you saturate the color by 10%, you get **70, 25.671, 308.665**, and if you desaturate by 10%, it is **82, 1.841, 307.611**.

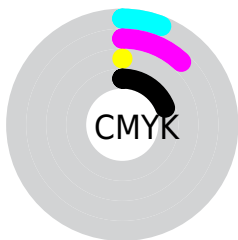
Distribution



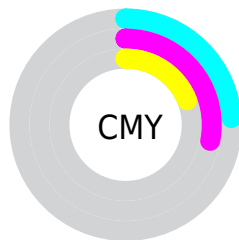
- Red (76%)
- Green (72%)
- Blue (81%)



- Red (76%)
- Yellow (72%)
- Blue (81%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)





- Cyan (24%)
- Magenta (28%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 13.583, 308.139 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, 13.583, 308.139 by changing the saturation by 10% instead.


 76, 13.583,
308.139


 76, 13.583,
308.139


 100, 13.583,
308.139


 66, 13.583,
308.139


 96, 13.583,
308.139

 56, 13.583,
308.139

 46, 13.583,
308.139

 36, 13.583,
308.139

 26, 13.583,
308.139

 16, 13.583,
308.139

 6, 13.583, 308.139

0, 13.583, 308.139

76, 13.583,
308.139

76, 13.583,
308.139

70, 25.671,
308.665

82, 1.841, 307.611

88, 9.533, 127.255

64, 38.067,
309.233

94, 20.543,
126.872

58, 50.667,
309.827

98, 24.988,
122.071

52, 63.280,
310.417

99, 24.277,
112.595

46, 75.563,
310.955

99, 24.193,
108.343

41, 86.961,
311.364

■ 37, 96.676,
311.533

■ 34, 103.783,
311.336

■ 32, 107.712,
310.905

Harmonies

Complementary

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



76, 13.583, 308.139



82, 13.344, 127.072

Rectangle

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



76, 13.583, 308.139



76, 13.583, 358.139



76, 13.583, 128.139



76, 13.583, 178.139

Sweetspot

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



76, 13.581, 308.137



98, 4.116, 307.704



79, 7.333, 251.321



52, 3.122, 307.748



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, 13.581, 308.137



90, 19.500, 308.269



77, 15.370, 323.678



41, 6.681, 308.027



25, 92.159, 311.067



3, 26.526, 305.920

Inverse Universe

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



77, 11.326, 342.371



91, 16.243, 342.600



81, 15.335, 142.468



41, 5.577, 342.180



36, 62.722, 357.805



5, 22.269, 351.210

Previews

White Background



This preview shows how the CIELCh color 76, 13.583, 308.139 looks on a white background.

Color Contrast Check

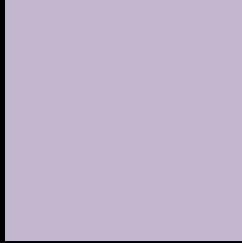
Large Text (above 18pt) WCAG AA × Fail

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, 13.583, 308.139 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, 13.583, 308.139

Background



This preview shows how black text looks on a background with the CIELCh color 76, 13.583, 308.139.



This preview shows how white text looks on a background with the CIELCh color 76, 13.583, 308.139.

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, 13.583, 308.139

Protanopia

76, 12.401, 288.090

Deuteranopia

76, 14.452, 311.647



Tritanopia
76, 8.765, 312.779

Trichromacy



Original Color
76, 13.583, 308.139

Protanomaly
76, 12.465, 296.206

Deuteranomaly
76, 14.331, 310.291

Tritanomaly
76, 10.278, 309.453

Monochromacy



Original Color
76, 13.583, 308.139

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 5.082, 307.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 13.583, 308.139 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(194, 183, 207)` looks like.

```
.text, #text, p{  
    color:rgb(194, 183, 207)  
}
```

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(194, 183, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 183, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 13.583, 308.139 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(194, 183, 207) }
```

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

```
.border{ border-color:rgb(194, 183, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 183, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 183, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 183, 207); box-shadow:4px 4px 4px 4px rgb(194, 183, 207) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 13.583, 308.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 183, 207) }
```

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

```
.background{ background-color: rgb(194,  
183, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor