

Converting Colors

CIELCh(76, 13.216, 324.945)

Have a look what the booklet for
CIELCh(76, 13.216, 324.945)
contains.

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Color

CIELCh(76, 13.513, 323.680)

Conversions

Conversions Part 1

Format	Color
Hex	C9B5CA
RGB	201, 181, 202
RGB Percent	79%, 71%, 79%
CMY	0.2107, 0.2891, 0.2068
CMYK	0.00, 0.10, 0.00, 0.21
HSL	297°, 17%, 75%
HSV	297°, 10%, 79%
XYZ	51.4301, 49.8872, 62.9630
YIQ	189.3740, 5.1790, 10.7710

Conversions

Conversions Part 2

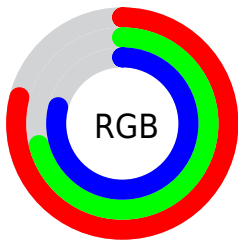
Format	Color
R _Y B	201, 181, 202
Decimal	13219274
CIE Lab	76.00, 10.89, -8.00
CIE LCh	76, 13.513, 323.680
Yxy	49.8872, 0.3131, 0.3037
Android (android.graphics.Color)	4291409354 (0xFFC9B5CA)
YUV	189.3740, 6.2246, 10.1960
Hunter-Lab	70.6309, 6.3713, -3.4117

Details

The CIELCh color `76, 13.513, 323.680` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `79, 13.480, 142.607`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 11.228, 324.804`, and `56, 13.644, 323.762` is the 20% darker color. If you saturate the color by 10%, you get `71, 26.639, 324.203`, and if you desaturate by 10%, it is `81, 0.503, 322.690`.

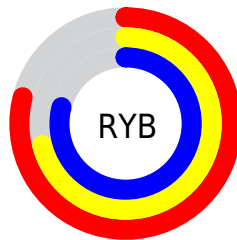
Distribution



Red (79%)

Green (71%)

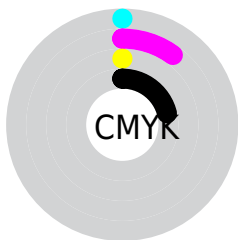
Blue (79%)



Red (79%)

Yellow (71%)

Blue (79%)

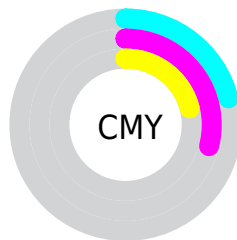


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (21%)



Cyan (21%)


Magenta (29%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 13.513, 323.680 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, 13.513, 323.680 by changing the saturation by 10% instead.


 76, 13.513,
323.680


 76, 13.513,
323.680


 100, 13.513,
323.680


 66, 13.513,
323.680


 96, 13.513,
323.680


 56, 13.513,
323.680

 46, 13.513,
323.680

 36, 13.513,
323.680

 26, 13.513,
323.680

 16, 13.513,
323.680

 6, 13.513, 323.680

0, 13.513, 323.680

76, 13.513,
323.680

76, 13.513,
323.680

71, 26.639,
324.203

81, 0.503, 322.690

66, 39.693,
324.709

87, 12.260,
142.703

62, 52.388,
325.184

92, 24.701,
142.209

57, 64.340,
325.612

95, 32.470,
141.741

54, 75.073,
325.969

96, 32.278,
141.270

51, 84.063,
326.234

96, 32.088,
140.791

■ 49, 90.844,
326.388

■ 96, 31.900,
140.306

■ 47, 95.148,
326.420

■ 96, 31.714,
139.813

■ 46, 97.301,
326.353

■ 96, 31.530,
139.313

Harmonies

Complementary

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



76, 13.513, 323.680



79, 13.480, 142.607

Rectangle

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



76, 13.513, 323.680



76, 13.513, 13.680



76, 13.513, 143.680



76, 13.513, 193.680

Sweetspot

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



76, 13.511, 323.680



98, 4.691, 323.258



75, 10.792, 289.223



52, 3.557, 323.313



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, 13.511, 323.680



92, 18.865, 323.774



76, 10.000, 341.840



40, 7.428, 323.627



38, 83.916, 326.379



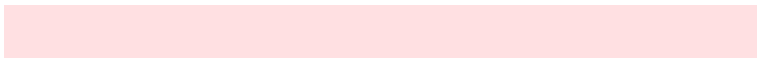
5, 28.569, 325.681

Inverse Universe

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



76, 7.977, 16.159



92, 11.199, 16.320



80, 9.891, 160.258



40, 4.373, 16.071



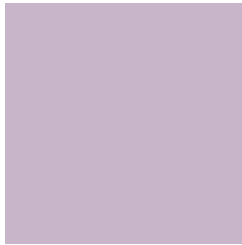
34, 73.626, 37.864



4, 17.935, 17.058

Previews

White Background



This preview shows how the CIELCh color 76, 13.513, 323.680 looks on a white background.

Color Contrast Check

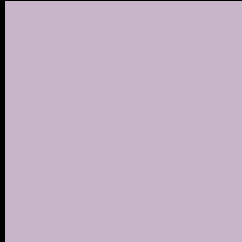
Large Text (above 18pt) WCAG AA × Fail

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, 13.513, 323.680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

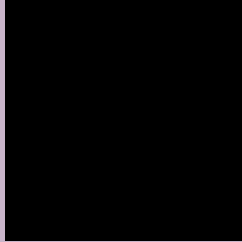
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 13.513, 323.680

Background



This preview shows how black text looks on a background with the CIELCh color 76, 13.513, 323.680.



This preview shows how white text looks on a background with the CIELCh color 76, 13.513, 323.680.

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, 13.513, 323.680

Protanopia

76, 10.240, 291.134

Deuteranopia

76, 12.480, 320.721



Tritanopia
76, 10.485, 329.904

Trichromacy



Original Color
76, 13.513, 323.680

Protanomaly
76, 11.203, 305.989

Deuteranomaly
76, 12.664, 322.174

Tritanomaly
76, 11.330, 326.445

Monochromacy



Original Color
76, 13.513, 323.680

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 4.589, 324.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 13.513, 323.680 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(201, 181, 202)` looks like.

```
.text, #text, p{  
    color:rgb(201, 181, 202)  
}
```

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(201, 181, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 181, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 13.513, 323.680 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(201, 181, 202) }
```

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

```
.border{ border-color:rgb(201, 181, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 181, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 181, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 181, 202);  
box-shadow:4px 4px 4px 4px rgb(201, 181,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 13.513, 323.680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 181, 202) }
```

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

```
.background{ background-color: rgb(201,  
181, 202) }
```

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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