

Converting Colors

CIELCh(76, 12.502, 320.233)

Have a look what the booklet for
CIELCh(76, 12.502, 320.233)
contains.

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Color

CIELCh(76, 12.480, 320.721)

Conversions

Conversions Part 1

Format	Color
Hex	C7B6CA
RGB	199, 182, 202
RGB Percent	78%, 71%, 79%
CMY	0.2194, 0.2861, 0.2077
CMYK	0.01, 0.10, 0.00, 0.21
HSL	291°, 16%, 75%
HSV	291°, 10%, 79%
XYZ	50.9668, 49.8872, 62.8468
YIQ	189.3630, 3.7120, 9.8240

Conversions

Conversions Part 2

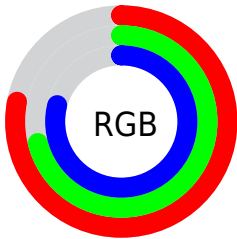
Format	Color
R _Y B	199, 182, 202
Decimal	13088458
CIE Lab	76.00, 9.66, -7.90
CIE LCh	76, 12.480, 320.721
Yxy	49.8872, 0.3113, 0.3047
Android (android.graphics.Color)	4291278538 (0xFFC7B6CA)
YUV	189.3630, 6.2300, 8.4516
Hunter-Lab	70.6309, 5.2003, -3.3141

Details

The CIELCh color $76, 12.480, 320.721$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 12.422, 139.821$, 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 $56, 12.555, 320.613$ is the 20% darker color. If you saturate the color by 10%, you get $71, 25.249, 321.193$, and if you desaturate by 10%, it is $81, 0.119, 142.164$.

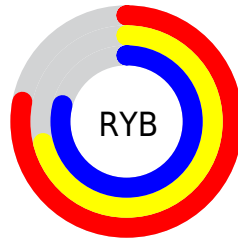
Distribution



Red (78%)

Green (71%)

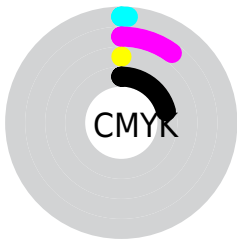
Blue (79%)



Red (78%)

Yellow (71%)

Blue (79%)

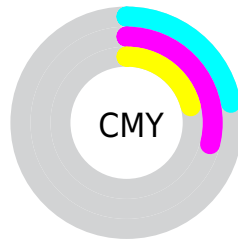


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (21%)



Cyan (22%)


Magenta (29%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 12.480, 320.721 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, 12.480, 320.721 by changing the saturation by 10% instead.


 76, 12.480,
320.721


 76, 12.480,
320.721


 100, 12.480,
320.721


 66, 12.480,
320.721


 96, 12.480,
320.721

 56, 12.480,
320.721

 46, 12.480,
320.721

 36, 12.480,
320.721

 26, 12.480,
320.721

 16, 12.480,
320.721

 6, 12.480, 320.721

0, 12.480, 320.721

76, 12.480,
320.721

76, 12.480,
320.721

71, 25.249,
321.193

81, 0.119, 142.164

66, 38.042,
321.652

87, 12.447,
139.857

61, 50.621,
322.082

92, 24.454,
139.427

56, 62.650,
322.461

96, 31.397,
138.559

52, 73.678,
322.758

96, 30.843,
136.910

49, 83.167,
322.937

96, 30.313,
135.187

■ 46, 90.569,
322.961

■ 96, 29.810,
133.390

■ 44, 95.483,
322.799

■ 97, 29.336,
131.517

■ 43, 98.151,
322.466

■ 97, 28.894,
129.571

Harmonies

Complementary

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



76, 12.480, 320.721



80, 12.422, 139.821

Rectangle

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



76, 12.480, 320.721



76, 12.480, 10.721



76, 12.480, 140.721



76, 12.480, 190.721

Sweetspot

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



76, 12.478, 320.720



98, 4.547, 320.365



75, 9.046, 283.502



52, 3.448, 320.414



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, 12.478, 320.720



92, 18.305, 320.829



76, 10.332, 336.328



40, 7.204, 320.697



35, 84.723, 322.540



4, 27.500, 321.544

Inverse Universe

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



76, 7.711, 7.957



92, 11.369, 8.195



80, 10.269, 154.984



40, 4.448, 7.905



34, 69.269, 32.502



4, 18.090, 12.056

Previews

White Background



This preview shows how the CIELCh color 76, 12.480, 320.721 looks on a white background.

Color Contrast Check

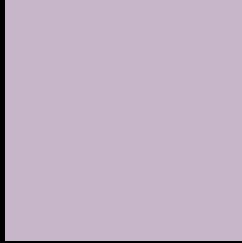
Large Text (above 18pt) WCAG AA × Fail

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, 12.480, 320.721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

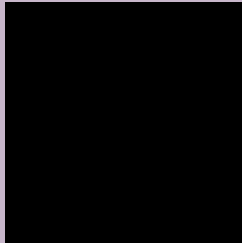
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 12.480, 320.721

Background



This preview shows how black text looks on a background with the CIELCh color 76, 12.480, 320.721.



This preview shows how white text looks on a background with the CIELCh color 76, 12.480, 320.721.

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, 12.480, 320.721

Protanopia

76, 10.240, 291.134

Deuteranopia

76, 12.480, 320.721



Tritanopia
76, 9.379, 326.682

Trichromacy



Original Color
76, 12.480, 320.721

Protanomaly
76, 10.497, 302.925

Deuteranomaly
76, 12.480, 320.721

Tritanomaly
76, 10.262, 323.139

Monochromacy



Original Color
76, 12.480, 320.721

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 5.045, 321.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 12.480, 320.721 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(199, 182, 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(199, 182, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 182, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 12.480, 320.721 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, 202) }
```

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

```
.border{ border-color:rgb(199, 182, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 182, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 182, 202);  
box-shadow:4px 4px 4px 4px rgb(199, 182,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 12.480, 320.721 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, 202) }
```

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

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