

Converting Colors

CIELCh(77, 14.216, 320.073)

Have a look what the booklet for
CIELCh(77, 14.216, 320.073)
contains.

CIELCh(77, 14.203, 320.070)	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(77, 14.203, 320.070)

Conversions

Conversions Part 1

Format	Color
Hex	CBB8CF
RGB	203, 184, 207
RGB Percent	80%, 72%, 81%
CMY	0.2036, 0.2781, 0.1879
CMYK	0.02, 0.11, 0.00, 0.19
HSL	290°, 19%, 77%
HSV	290°, 11%, 81%
XYZ	53.0811, 51.5317, 66.2338
YIQ	192.3030, 3.9410, 11.1810

Conversions

Conversions Part 2

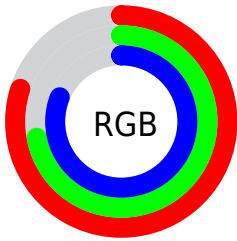
Format	Color
R _Y B	203, 184, 207
Decimal	13351119
CIE Lab	77.00, 10.89, -9.12
CIE LCh	77, 14.203, 320.070
Yxy	51.5317, 0.3107, 0.3016
Android (android.graphics.Color)	4291541199 (0xFFCBB8CF)
YUV	192.3030, 7.2456, 9.3813
Hunter-Lab	71.7856, 6.3650, -4.4547

Details

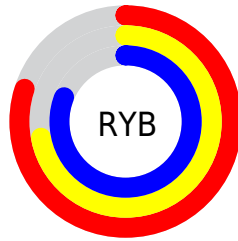
The CIELCh color **77, 14.203, 320.070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 14.125, 139.069**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 9.351, 324.734**, and **57, 14.369, 319.971** is the 20% darker color. If you saturate the color by 10%, you get **72, 27.168, 320.532**, and if you desaturate by 10%, it is **83, 1.409, 319.478**.

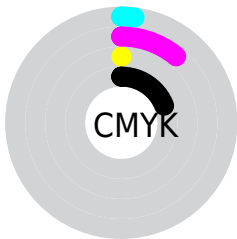
Distribution



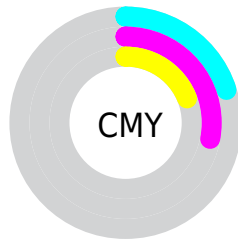
- Red (80%)
- Green (72%)
- Blue (81%)



- Red (80%)
- Yellow (72%)
- Blue (81%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)





- Cyan (20%)
- Magenta (28%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 14.203, 320.070 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 77, 14.203, 320.070 by changing the saturation by 10% instead.


 77, 14.203,
320.070


 77, 14.203,
320.070


 100, 14.203,
320.070


 67, 14.203,
320.070


 97, 14.203,
320.070

 57, 14.203,
320.070

 47, 14.203,
320.070

 37, 14.203,
320.070

 27, 14.203,
320.070

 17, 14.203,
320.070

 7, 14.203, 320.070

0, 14.203, 320.070

77, 14.203,
320.070

77, 14.203,
320.070

72, 27.168,
320.532

83, 1.409, 319.478

66, 40.154,
320.982

88, 11.113,
139.221

61, 52.916,
321.402

94, 23.310,
138.799

57, 65.104,
321.766

96, 28.003,
137.383

53, 76.251,
322.041

97, 27.375,
135.117

49, 85.793,
322.187

97, 26.789,
132.726

■ 46, 93.161,
322.165

■ 97, 26.251,
130.210

■ 44, 97.950,
321.937

■ 97, 25.766,
127.571

■ 43, 100.317,
321.582

■ 98, 25.338,
124.815

Harmonies

Complementary

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



77, 14.203, 320.070



81, 14.125, 139.069

Rectangle

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



77, 14.203, 320.070



77, 14.203, 10.070



77, 14.203, 140.070



77, 14.203, 190.070

Sweetspot

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



77, 14.201, 320.069



98, 4.515, 319.664



77, 10.183, 282.725



52, 3.423, 319.712



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 14.201, 320.069



91, 19.713, 320.165



77, 11.981, 335.711



41, 7.302, 319.990



35, 85.945, 321.673



4, 29.573, 321.211

Inverse Universe

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



77, 8.918, 6.234



91, 12.430, 6.455



81, 11.909, 154.198



41, 4.570, 6.053



35, 69.001, 30.944



4, 20.161, 11.400

Previews

White Background



This preview shows how the CIELCh color 77, 14.203, 320.070 looks on a white background.

Color Contrast Check

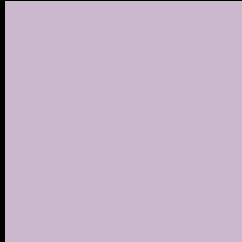
Large Text (above 18pt) WCAG AA × Fail

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 77, 14.203, 320.070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

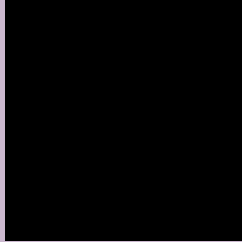
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 14.203, 320.070

Background



This preview shows how black text looks on a background with the CIELCh color 77, 14.203, 320.070.



This preview shows how white text looks on a background with the CIELCh color 77, 14.203, 320.070.

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

77, 14.203, 320.070

Protanopia

77, 11.283, 289.431

Deuteranopia

77, 13.218, 317.024



Tritanopia
77, 10.227, 328.274

Trichromacy



Original Color
77, 14.203, 320.070

Protanomaly
77, 12.058, 301.430

Deuteranomaly
77, 13.380, 318.433

Tritanomaly
77, 11.533, 323.378

Monochromacy



Original Color
77, 14.203, 320.070

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 5.031, 321.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 14.203, 320.070 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(203, 184, 207)` looks like.

```
.text, #text, p{  
    color:rgb(203, 184, 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(203, 184, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 184, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 14.203, 320.070 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(203, 184, 207) }
```

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

```
.border{ border-color:rgb(203, 184, 207) }
```

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

Here you see how a box with a 4 pixel rgb(203, 184, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 184, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 184, 207);  
box-shadow:4px 4px 4px 4px rgb(203, 184,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 14.203, 320.070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 184, 207) }
```

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

```
.background{ background-color: rgb(203,  
184, 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