

Converting Colors

CIELCh(78, 8.725, 320.784)

Have a look what the booklet for
CIELCh(78, 8.725, 320.784) contains.

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Color

CIELCh(78, 8.725, 320.784)

Conversions

Conversions Part 1

Format	Color
Hex	C9BDCB
RGB	201, 189, 203
RGB Percent	79%, 74%, 80%
CMY	0.2112, 0.2582, 0.2034
CMYK	0.01, 0.07, 0.00, 0.20
HSL	291°, 12%, 77%
HSV	291°, 7%, 80%
XYZ	53.1503, 53.2120, 64.0587
YIQ	194.1840, 2.6580, 6.8980

Conversions

Conversions Part 2

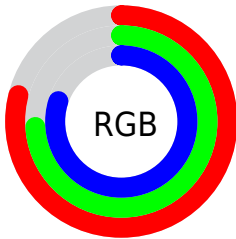
Format	Color
RYB	201, 189, 203
Decimal	13221323
CIELab	78.00, 6.76, -5.52
CIELCh	78, 8.725, 320.784
Yxy	53.2120, 0.3119, 0.3122
Android (android.graphics.Color)	4291411403 (0xFFC9BDCB)
YUV	194.1840, 4.3463, 5.9776
Hunter-Lab	72.9466, 2.4022, -1.0035

Details

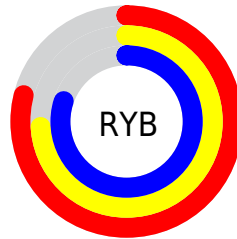
The CIELCh color $78, 8.725, 320.784$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 8.688, 140.187$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 6.227, 324.609$, and $58, 8.563, 320.542$ is the 20% darker color. If you saturate the color by 10%, you get $73, 21.535, 321.265$, and if you desaturate by 10%, it is $83, 3.883, 140.410$.

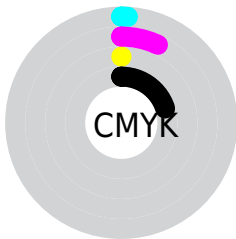
Distribution



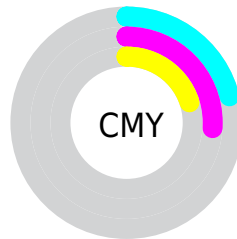
- Red (79%)
- Green (74%)
- Blue (80%)



- Red (79%)
- Yellow (74%)
- Blue (80%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (21%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 8.725, 320.784 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 78, 8.725, 320.784 by changing the saturation by 10% instead.

■ 78, 8.725, 320.784

■ 78, 8.725, 320.784

■ 100, 8.725,
320.784

■ 68, 8.725, 320.784

■ 98, 8.725, 320.784

■ 58, 8.725, 320.784

■ 48, 8.725, 320.784

■ 38, 8.725, 320.784

■ 28, 8.725, 320.784

■ 18, 8.725, 320.784

■ 8, 8.725, 320.784

■ 0, 8.725, 320.784

■ 78, 8.725, 320.784

■ 78, 8.725, 320.784

73, 21.535,
321.265

83, 3.883, 140.410

68, 34.418,
321.731

89, 16.200,
139.926

63, 47.159,
322.175

94, 28.186,
139.503

58, 59.448,
322.574

96, 30.618,
138.216

54, 70.866,
322.902

96, 30.092,
136.586

50, 80.891,
323.124

96, 29.590,
134.886

47, 88.966,
323.204

97, 29.114,
133.115

45, 94.632,
323.111

97, 28.665,
131.273

44, 97.764,

97, 28.246,
129.360

322.829

Harmonies

Complementary

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



78, 8.725, 320.784



80, 8.688, 140.187

Rectangle

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



78, 8.725, 320.784



78, 8.725, 10.784



78, 8.725, 140.784



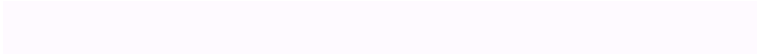
78, 8.725, 190.784

Sweetspot

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



78, 8.723, 320.783



99, 3.038, 320.497



78, 6.415, 284.043



53, 1.727, 320.487



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 8.723, 320.783



95, 12.191, 320.843



78, 7.121, 336.819



40, 7.219, 320.907



35, 84.651, 322.800



4, 27.576, 321.844

Inverse Universe

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



78, 5.334, 8.202



95, 7.475, 8.330



80, 7.081, 155.934



40, 4.439, 8.465



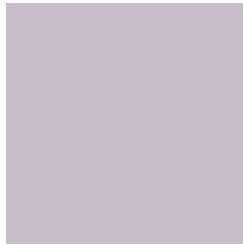
34, 69.595, 32.963



4, 18.075, 12.402

Previews

White Background



This preview shows how the CIELCh color 78, 8.725, 320.784 looks on a white background.

Color Contrast Check

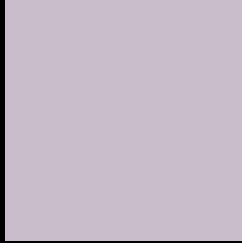
Large Text (above 18pt) WCAG AA × Fail

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 78, 8.725, 320.784 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

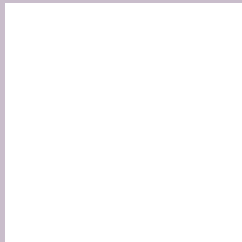
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 8.725, 320.784

Background



This preview shows how black text looks on a background with the CIELCh color 78, 8.725, 320.784.

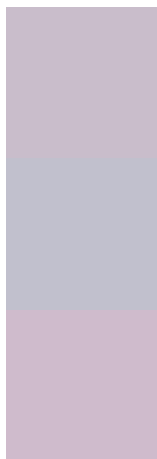


This preview shows how white text looks on a background with the CIELCh color 78, 8.725, 320.784.

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


78, 8.725, 320.784

Protanopia

78, 6.983, 293.761

Deuteranopia

78, 11.717, 329.392



Tritanopia
78, 9.190, 319.111

Trichromacy



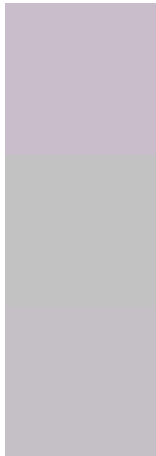
Original Color
78, 8.725, 320.784

Protanomaly
78, 7.225, 305.252

Deuteranomaly
78, 10.623, 326.498

Tritanomaly
78, 9.190, 319.111

Monochromacy



Original Color
78, 8.725, 320.784

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.268, 324.502

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 8.725, 320.784 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, 189, 203)` looks like.

```
.text, #text, p{  
    color:rgb(201, 189, 203)  
}
```

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, 189, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 189, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 8.725, 320.784 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, 189, 203) }
```

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

```
.border{ border-color:rgb(201, 189, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 189, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 189, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 189, 203);  
box-shadow:4px 4px 4px 4px rgb(201, 189,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 8.725, 320.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 189, 203) }
```

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

```
.background{ background-color: rgb(201,  
189, 203) }
```

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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