

Converting Colors

CIELCh(78, 8.663, 325.379)

Have a look what the booklet for
CIELCh(78, 8.663, 325.379) contains.

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Color

CIELCh(78, 8.470, 324.762)

Conversions

Conversions Part 1

Format	Color
Hex	CABDCA
RGB	202, 189, 202
RGB Percent	79%, 74%, 79%
CMY	0.2079, 0.2588, 0.2079
CMYK	0.00, 0.06, 0.00, 0.21
HSL	300°, 11%, 77%
HSV	300°, 6%, 79%
XYZ	53.2115, 53.2120, 63.3397
YIQ	194.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

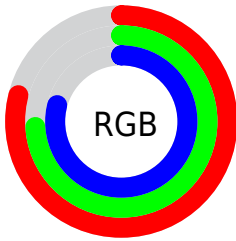
Format	Color
R _Y B	202, 189, 202
Decimal	13286858
CIE Lab	78.00, 6.92, -4.89
CIE LCh	78, 8.470, 324.762
Yxy	53.2120, 0.3134, 0.3134
Android (android.graphics.Color)	4291476938 (0xFFCABDCA)
YUV	194.3690, 3.7621, 6.6924
Hunter-Lab	72.9466, 2.5520, -0.4190

Details

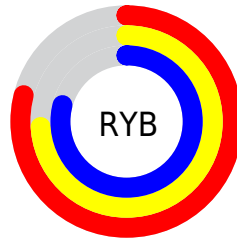
The CIELCh color $78, 8.470, 324.762$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 8.450, 144.105$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 6.227, 324.609$, and $58, 8.288, 324.849$ is the 20% darker color. If you saturate the color by 10%, you get $73, 21.734, 325.327$, and if you desaturate by 10%, it is $83, 4.637, 144.307$.

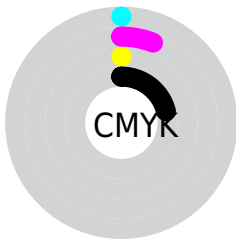
Distribution



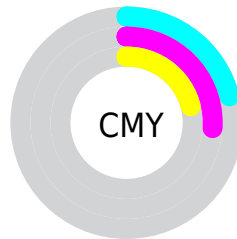
- Red (79%)
- Green (74%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 8.470, 324.762 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, 8.470, 324.762 by changing the saturation by 10% instead.

 78, 8.470, 324.762

 78, 8.470, 324.762

 100, 8.470,
324.762

 68, 8.470, 324.762

 98, 8.470, 324.762

 58, 8.470, 324.762

 48, 8.470, 324.762

 38, 8.470, 324.762

 28, 8.470, 324.762

 18, 8.470, 324.762

 8, 8.470, 324.762

 0, 8.470, 324.762

 78, 8.470, 324.762

 78, 8.470, 324.762

73, 21.734,
325.327

83, 4.637, 144.307

68, 34.978,
325.870

88, 17.464,
143.737

64, 47.934,
326.390

94, 29.947,
143.220

60, 60.237,
326.873

95, 33.222,
143.087

56, 71.435,
327.301

95, 33.222,
143.087

53, 81.018,
327.658

95, 33.222,
143.087

51, 88.512,
327.931

95, 33.222,
143.087

49, 93.602,
328.114

95, 33.222,
143.087

48, 96.295,

95, 33.222,
143.087

Harmonies

Complementary

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



78, 8.470, 324.762



80, 8.450, 144.105

Rectangle

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



78, 8.470, 324.762



78, 8.470, 14.762



78, 8.470, 144.762



78, 8.470, 194.762

Sweetspot

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



78, 8.468, 324.762



99, 3.176, 324.455



77, 6.987, 290.830



53, 1.806, 324.445



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, 8.468, 324.762



95, 12.733, 324.860



78, 5.956, 344.111



40, 7.538, 324.934



39, 83.711, 328.233



5, 29.042, 327.497

Inverse Universe

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



78, 8.468, 324.762



95, 12.733, 324.860



80, 5.898, 163.192



40, 7.538, 324.934



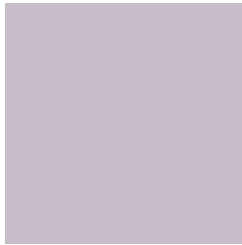
39, 83.711, 328.233



5, 29.042, 327.497

Previews

White Background



This preview shows how the CIELCh color 78, 8.470, 324.762 looks on a white background.

Color Contrast Check

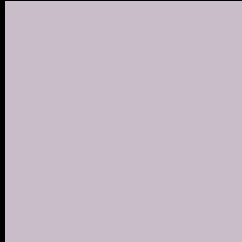
Large Text (above 18pt) WCAG AA × Fail

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, 8.470, 324.762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

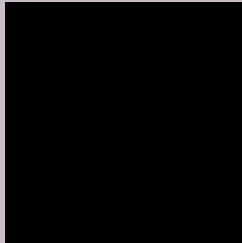
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

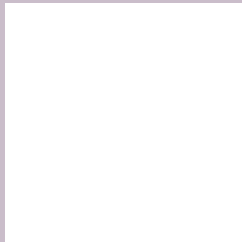
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 8.470, 324.762

Background



This preview shows how black text looks on a background with the CIELCh color 78, 8.470, 324.762.

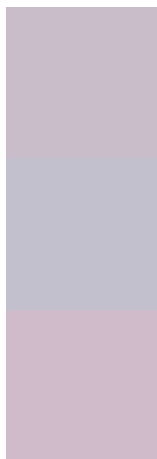


This preview shows how white text looks on a background with the CIELCh color 78, 8.470, 324.762.

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, 8.470, 324.762

Protanopia

78, 6.448, 293.965

Deuteranopia

78, 10.915, 332.936



Tritanopia
78, 9.370, 321.084

Trichromacy



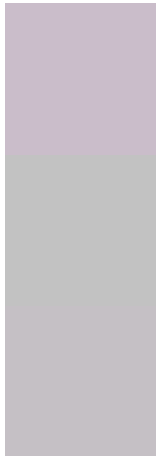
Original Color
78, 8.470, 324.762

Protanomaly
78, 6.708, 306.377

Deuteranomaly
78, 9.785, 330.192

Tritanomaly
78, 8.915, 322.828

Monochromacy



Original Color
78, 8.470, 324.762

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, 8.470, 324.762 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(202, 189, 202)` looks like.

```
.text, #text, p{  
    color:rgb(202, 189, 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(202, 189, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 189, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 8.470, 324.762 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(202, 189, 202) }
```

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

```
.border{ border-color:rgb(202, 189, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 189, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 189, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 189, 202);  
box-shadow:4px 4px 4px 4px rgb(202, 189,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 8.470, 324.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 189, 202) }
```

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

```
.background{ background-color: rgb(202,  
189, 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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