

Converting Colors

CIELCh(78, 5.609, 320.801)

Have a look what the booklet for
CIELCh(78, 5.609, 320.801) contains.

CIELCh(78, 5.674, 321.575)	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(78, 5.674, 321.575)

Conversions

Conversions Part 1

Format	Color
Hex	C6BEC7
RGB	198, 190, 199
RGB Percent	78%, 75%, 78%
CMY	0.2219, 0.2533, 0.2180
CMYK	0.01, 0.05, 0.00, 0.22
HSL	293°, 7%, 76%
HSV	293°, 5%, 78%
XYZ	52.2594, 53.2120, 61.8036
YIQ	193.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

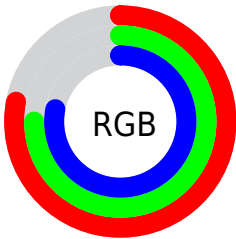
Format	Color
R _Y B	198, 190, 199
Decimal	13024967
CIE Lab	78.00, 4.45, -3.53
CIE LCh	78, 5.674, 321.575
Yxy	53.2120, 0.3124, 0.3181
Android (android.graphics.Color)	4291215047 (0xFFC6BEC7)
YUV	193.4180, 2.7519, 4.0184
Hunter-Lab	72.9466, 0.2220, 0.8294

Details

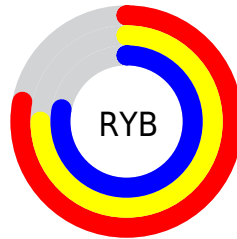
The CIELCh color $78, 5.674, 321.575$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 5.649, 141.220$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 5.604, 324.582$, and $58, 5.328, 321.224$ is the 20% darker color. If you saturate the color by 10%, you get $73, 18.365, 322.081$, and if you desaturate by 10%, it is $83, 6.805, 141.179$.

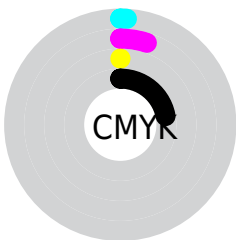
Distribution



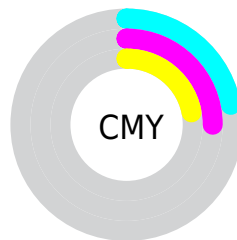
- Red (78%)
- Green (75%)
- Blue (78%)



- Red (78%)
- Yellow (75%)
- Blue (78%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 5.674, 321.575 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, 5.674, 321.575 by changing the saturation by 10% instead.

 78, 5.674, 321.575

 78, 5.674, 321.575

 100, 5.674,
321.575

 68, 5.674, 321.575

 98, 5.674, 321.575

 58, 5.674, 321.575


 48, 5.674, 321.575

 38, 5.674, 321.575

 28, 5.674, 321.575

 18, 5.674, 321.575

 8, 5.674, 321.575

 0, 5.674, 321.575

 78, 5.674, 321.575

 78, 5.674, 321.575

73, 18.365,
322.081

83, 6.805, 141.179

68, 31.147,
322.564

89, 18.987,
140.705

63, 43.816,
323.026

94, 30.834,
140.271

58, 56.078,
323.451

96, 33.282,
139.351

54, 67.537,
323.812

96, 32.865,
138.241

51, 77.698,
324.082

96, 32.460,
137.096

48, 86.024,
324.229

96, 32.066,
135.914

46, 92.056,
324.226

96, 31.685,
134.695

44, 95.576,

96, 31.318,
133.439

Harmonies

Complementary

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



78, 5.674, 321.575



80, 5.649, 141.220

Rectangle

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



78, 5.674, 321.575



78, 5.674, 11.575



78, 5.674, 141.575



78, 5.674, 191.575

Sweetspot

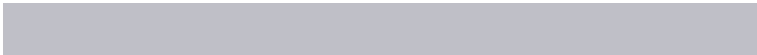
The Sweet Spot groups the original color and five complimentary colors.



78, 5.672, 321.574



99, 1.537, 321.268



78, 4.278, 285.493



53, 0.874, 321.256



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, 5.672, 321.574



97, 7.675, 321.605



78, 4.477, 338.111



40, 4.270, 321.635



35, 83.400, 323.975



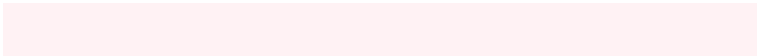
4, 25.473, 322.417

Inverse Universe

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



78, 3.390, 10.458



97, 4.594, 10.523



80, 4.450, 157.615



40, 2.559, 10.585



34, 70.175, 34.803



3, 15.987, 13.662

Previews

White Background



This preview shows how the CIELCh color 78, 5.674, 321.575 looks on a white background.

Color Contrast Check

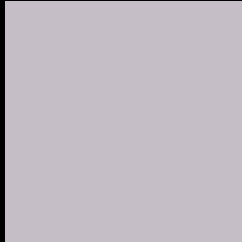
Large Text (above 18pt) WCAG AA × Fail

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, 5.674, 321.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

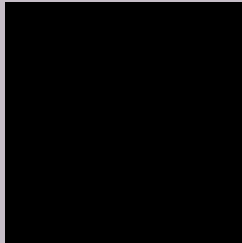
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 5.674, 321.575

Background



This preview shows how black text looks on a background with the CIELCh color 78, 5.674, 321.575.

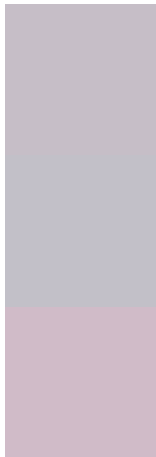


This preview shows how white text looks on a background with the CIELCh color 78, 5.674, 321.575.

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, 5.674, 321.575

Protanopia

78, 4.362, 300.151

Deuteranopia

78, 10.435, 338.468



Tritanopia
78, 8.714, 312.769

Trichromacy



Original Color
78, 5.674, 321.575

Protanomaly
78, 5.182, 311.147

Deuteranomaly
78, 8.997, 334.571

Tritanomaly
78, 7.734, 315.731

Monochromacy



Original Color
78, 5.674, 321.575

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 1.964, 324.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 5.674, 321.575 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(198, 190, 199)` looks like.

```
.text, #text, p{  
    color:rgb(198, 190, 199)  
}
```

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(198, 190, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 190, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 5.674, 321.575 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(198, 190, 199) }
```

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

```
.border{ border-color:rgb(198, 190, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 190, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 190, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 190, 199);  
box-shadow:4px 4px 4px 4px rgb(198, 190,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 5.674, 321.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 190, 199) }
```

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

```
.background{ background-color: rgb(198,  
190, 199) }
```

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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