

Converting Colors

CIELCh(78, 6.100, 335.620)

Have a look what the booklet for
CIELCh(78, 6.100, 335.620) contains.

CIELCh(78, 5.921, 333.510)	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, 5.921, 333.510)

Conversions

Conversions Part 1

Format	Color
Hex	C9BEC6
RGB	201, 190, 198
RGB Percent	79%, 75%, 78%
CMY	0.2125, 0.2556, 0.2242
CMYK	0.00, 0.05, 0.01, 0.21
HSL	316°, 9%, 77%
HSV	316°, 5%, 79%
XYZ	52.5870, 53.2120, 60.8177
YIQ	194.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

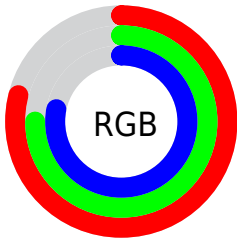
Format	Color
R _Y B	201, 190, 198
Decimal	13221574
CIE Lab	78.00, 5.30, -2.64
CIE LCh	78, 5.921, 333.510
Yxy	53.2120, 0.3156, 0.3194
Android (android.graphics.Color)	4291411654 (0xFFC9BEC6)
YUV	194.2010, 1.8729, 5.9627
Hunter-Lab	72.9466, 1.0237, 1.6308

Details

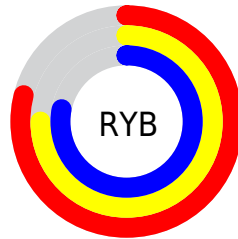
The CIELCh color `78, 5.921, 333.510` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 5.893, 152.901`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `98, 5.604, 324.582`, and `58, 5.597, 334.687` is the 20% darker color. If you saturate the color by 10%, you get `73, 16.845, 334.230`, and if you desaturate by 10%, it is `83, 4.825, 152.994`.

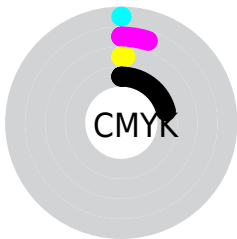
Distribution



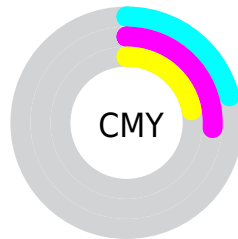
- Red (79%)
- Green (75%)
- Blue (78%)



- Red (79%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (21%)



- Cyan (21%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 5.921, 333.510 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, 5.921, 333.510 by changing the saturation by 10% instead.

■ 78, 5.921, 333.510

■ 78, 5.921, 333.510

■ 100, 5.921,
333.510

■ 68, 5.921, 333.510

■ 98, 5.921, 333.510

■ 58, 5.921, 333.510

■ 48, 5.921, 333.510

■ 38, 5.921, 333.510

■ 28, 5.921, 333.510

■ 18, 5.921, 333.510

■ 8, 5.921, 333.510

■ 0, 5.921, 333.510

■ 78, 5.921, 333.510

■ 78, 5.921, 333.510

73, 16.845,
334.230

83, 4.825, 152.994

68, 27.818,
334.958

89, 15.310,
152.337

63, 38.630,
335.724

94, 25.495,
151.753

59, 48.974,
336.540

96, 26.378,
154.655

55, 58.442,
337.421

96, 24.414,
159.242

51, 66.537,
338.391

96, 22.612,
164.565

48, 72.746,
339.488

96, 21.016,
170.724

46, 76.667,
340.765

96, 19.677,
177.782

45, 78.182,

96, 18.655,
185.718

342.287

Harmonies

Complementary

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



78, 5.921, 333.510



80, 5.893, 152.901

Rectangle

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



78, 5.921, 333.510



78, 5.921, 23.510



78, 5.921, 153.510



78, 5.921, 203.510

Sweetspot

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



78, 5.919, 333.513



99, 2.622, 333.192



77, 6.015, 300.871



53, 1.491, 333.177



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, 5.919, 333.513



96, 9.197, 333.634



78, 4.318, 1.132



40, 4.873, 333.663



36, 67.408, 342.750



4, 21.052, 338.946

Inverse Universe

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



78, 5.919, 333.513



96, 9.197, 333.634



80, 4.230, 180.371



40, 4.873, 333.663



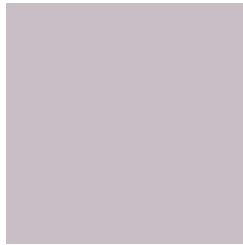
36, 67.408, 342.750



4, 21.052, 338.946

Previews

White Background



This preview shows how the CIELCh color 78, 5.921, 333.510 looks on a white background.

Color Contrast Check

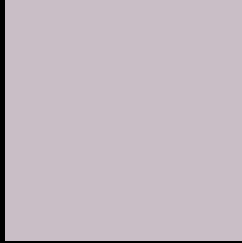
Large Text (above 18pt) WCAG AA × Fail

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, 5.921, 333.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

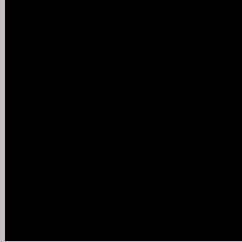
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

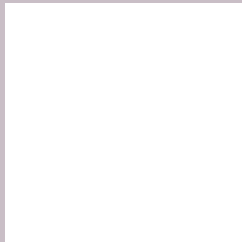
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 5.921, 333.510

Background



This preview shows how black text looks on a background with the CIELCh color 78, 5.921, 333.510.



This preview shows how white text looks on a background with the CIELCh color 78, 5.921, 333.510.

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, 5.921, 333.510

Protanopia

78, 3.835, 301.457

Deuteranopia

78, 10.067, 344.493



Tritanopia
78, 9.370, 321.084

Trichromacy



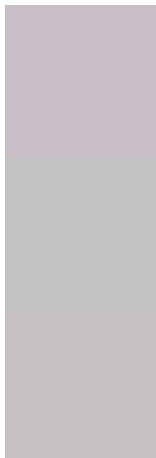
Original Color
78, 5.921, 333.510

Protanomaly
78, 4.685, 313.442

Deuteranomaly
78, 8.559, 341.417

Tritanomaly
78, 8.470, 324.762

Monochromacy



Original Color
78, 5.921, 333.510

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 2.196, 332.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 5.921, 333.510 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, 190, 198)` looks like.

```
.text, #text, p{  
    color:rgb(201, 190, 198)  
}
```

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, 190, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 190, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 5.921, 333.510 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, 190, 198) }
```

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

```
.border{ border-color:rgb(201, 190, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 190, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 190, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 190, 198);  
box-shadow:4px 4px 4px 4px rgb(201, 190,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 5.921, 333.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 190, 198) }
```

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

```
.background{ background-color: rgb(201,  
190, 198) }
```

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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