

Converting Colors

CIELCh(79, 5.178, 321.341)

Have a look what the booklet for
CIELCh(79, 5.178, 321.341) contains.

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Color

CIELCh(79, 5.658, 321.571)

Conversions

Conversions Part 1

Format	Color
Hex	C9C1CA
RGB	201, 193, 202
RGB Percent	79%, 76%, 79%
CMY	0.2111, 0.2425, 0.2072
CMYK	0.00, 0.04, 0.00, 0.21
HSL	293°, 8%, 78%
HSV	293°, 4%, 79%
XYZ	53.9215, 54.9284, 63.7433
YIQ	196.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

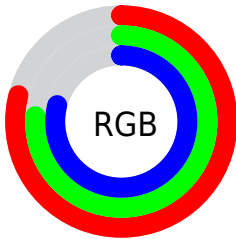
Format	Color
R _Y B	201, 193, 202
Decimal	13222346
CIE Lab	79.00, 4.43, -3.52
CIE LCh	79, 5.658, 321.571
Yxy	54.9284, 0.3124, 0.3183
Android (android.graphics.Color)	4291412426 (0xFFC9C1CA)
YUV	196.4180, 2.7519, 4.0184
Hunter-Lab	74.1137, 0.1690, 0.8858

Details

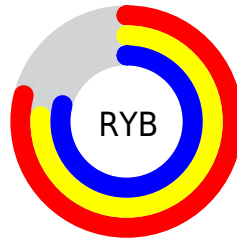
The CIELCh color $79, 5.658, 321.571$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 5.633, 141.223$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.736, 324.489$, and $59, 5.308, 321.218$ is the 20% darker color. If you saturate the color by 10%, you get $74, 18.491, 322.078$, and if you desaturate by 10%, it is $84, 6.959, 141.175$.

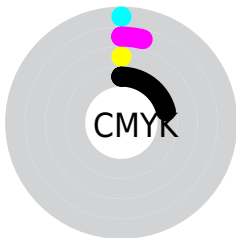
Distribution



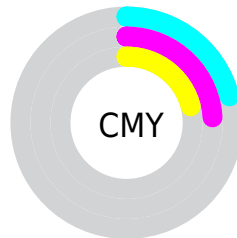
- Red (79%)
- Green (76%)
- Blue (79%)



- Red (79%)
- Yellow (76%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 5.658, 321.571 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 79, 5.658, 321.571 by changing the saturation by 10% instead.

■ 79, 5.658, 321.571

■ 79, 5.658, 321.571

■ 100, 5.658,
321.571

■ 69, 5.658, 321.571

■ 99, 5.658, 321.571

■ 59, 5.658, 321.571

■ 49, 5.658, 321.571

■ 39, 5.658, 321.571

■ 29, 5.658, 321.571

■ 19, 5.658, 321.571

■ 9, 5.658, 321.571

■ 0, 5.658, 321.571

■ 79, 5.658, 321.571

■ 79, 5.658, 321.571

74, 18.491,
322.078

84, 6.959, 141.175

69, 31.415,
322.561

90, 19.275,
140.701

64, 44.227,
323.024

95, 31.252,
140.267

59, 56.629,
323.449

96, 31.531,
139.151

55, 68.218,
323.811

96, 31.111,
137.952

51, 78.494,
324.081

96, 30.705,
136.713

48, 86.914,
324.229

96, 30.312,
135.434

46, 93.011,
324.226

96, 29.933,
134.112

45, 96.567,

97, 29.571,
132.750

Harmonies

Complementary

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



79, 5.658, 321.571



81, 5.633, 141.223

Rectangle

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



79, 5.658, 321.571



79, 5.658, 11.571



79, 5.658, 141.571



79, 5.658, 191.571

Sweetspot

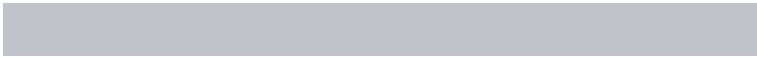
The Sweet Spot groups the original color and five complimentary colors.



79, 5.656, 321.570



99, 1.537, 321.267



79, 4.266, 285.487



53, 0.874, 321.255



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 5.656, 321.570



97, 7.675, 321.604



79, 4.465, 338.105



41, 4.360, 321.635



36, 84.360, 323.969



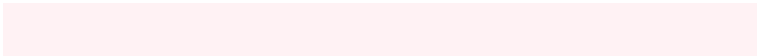
4, 27.912, 323.153

Inverse Universe

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



79, 3.380, 10.449



97, 4.594, 10.521



81, 4.438, 157.620



41, 2.614, 10.585



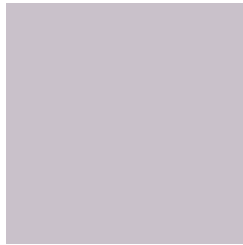
34, 71.029, 34.862



4, 18.015, 13.944

Previews

White Background



This preview shows how the CIELCh color 79, 5.658, 321.571 looks on a white background.

Color Contrast Check

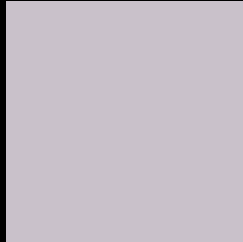
Large Text (above 18pt) WCAG AA × Fail

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 79, 5.658, 321.571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

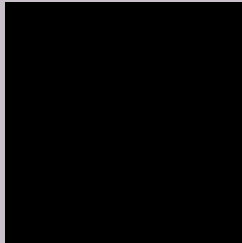
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

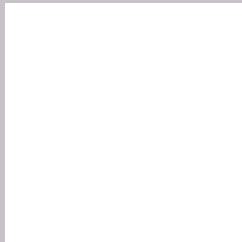
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 5.658, 321.571

Background



This preview shows how black text looks on a background with the CIELCh color 79, 5.658, 321.571.

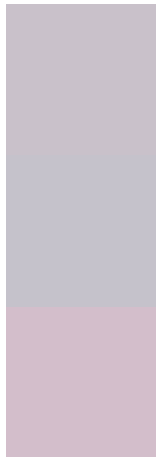


This preview shows how white text looks on a background with the CIELCh color 79, 5.658, 321.571.

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


79, 5.658, 321.571

Protanopia

79, 4.952, 303.276

Deuteranopia

79, 10.406, 338.457



Tritanopia
79, 8.841, 314.948

Trichromacy



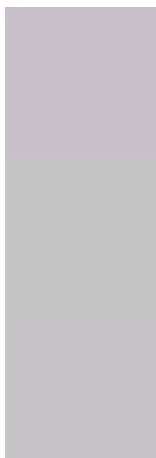
Original Color
79, 5.658, 321.571

Protanomaly
79, 5.167, 311.144

Deuteranomaly
79, 8.720, 332.801

Tritanomaly
79, 7.882, 318.129

Monochromacy



Original Color
79, 5.658, 321.571

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 1.959, 324.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 5.658, 321.571 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, 193, 202)` looks like.

```
.text, #text, p{  
    color:rgb(201, 193, 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(201, 193, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 193, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 5.658, 321.571 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, 193, 202) }
```

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

```
.border{ border-color:rgb(201, 193, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 193, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 193, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 193, 202);  
box-shadow:4px 4px 4px 4px rgb(201, 193,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 5.658, 321.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 193, 202) }
```

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

```
.background{ background-color: rgb(201,  
193, 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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