

Converting Colors

CIELCh(79, 5.045, 358.807)

Have a look what the booklet for
CIELCh(79, 5.045, 358.807) contains.

CIELCh(79, 4.733, 359.955)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(79, 4.733, 359.955)

Conversions

Conversions Part 1

Format	Color
Hex	CDC1C4
RGB	205, 193, 196
RGB Percent	80%, 76%, 77%
CMY	0.1972, 0.2442, 0.2325
CMYK	0.00, 0.06, 0.04, 0.20
HSL	345°, 11%, 78%
HSV	345°, 6%, 80%
XYZ	54.0391, 54.9284, 59.8117
YIQ	196.9300, 6.1890, 3.4770

Conversions

Conversions Part 2

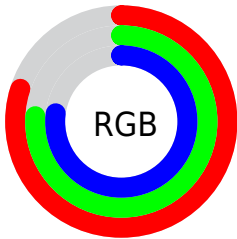
Format	Color
R _{YB}	205, 193, 196
Decimal	13484484
CIE Lab	79.00, 4.73, -0.00
CIE LCh	79, 4.733, 359.955
Yxy	54.9284, 0.3202, 0.3254
Android (android.graphics.Color)	4291674564 (0xFFCDC1C4)
YUV	196.9300, -0.4585, 7.0774
Hunter-Lab	74.1137, 0.4522, 4.0309

Details

The CIELCh color **79, 4.733, 359.955** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 4.634, 179.112**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 2.952, 335.689**, and **59, 4.484, 5.200** is the 20% darker color. If you saturate the color by 10%, you get **73, 13.104, 1.076**, and if you desaturate by 10%, it is **85, 3.255, 179.333**.

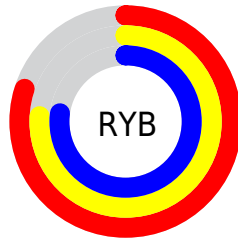
Distribution



Red (80%)

Green (76%)

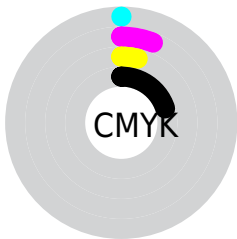
Blue (77%)



Red (80%)

Yellow (76%)

Blue (77%)

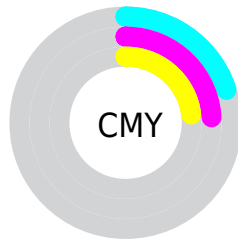


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 4.733, 359.955 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, 4.733, 359.955 by changing the saturation by 10% instead.

■ 79, 4.733, 359.955

■ 79, 4.733, 359.955

■ 100, 4.733,
359.955

■ 69, 4.733, 359.955

■ 99, 4.733, 359.955

■ 59, 4.733, 359.955

■ 49, 4.733, 359.955

■ 39, 4.733, 359.955

■ 29, 4.733, 359.955

■ 19, 4.733, 359.955

■ 9, 4.733, 359.955

■ 0, 4.733, 359.955

■ 79, 4.733, 359.955

■ 79, 4.733, 359.955

73, 13.104, 1.076

85, 3.255, 179.333

68, 21.814, 2.309

90, 10.845,
178.435

63, 30.755, 3.772

96, 18.050,
177.715

58, 39.739, 5.553

54, 48.483, 7.765

97, 16.650,
198.400

50, 56.624, 10.554

47, 63.795, 14.085

45, 69.773, 18.486

43, 74.630, 23.726

Harmonies

Complementary

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



79, 4.733, 359.955



81, 4.634, 179.112

Rectangle

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



79, 4.733, 359.955



79, 4.733, 49.955



79, 4.733, 179.955



79, 4.733, 229.955

Sweetspot

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



79, 4.731, 359.971



99, 1.916, 359.408



79, 7.231, 317.515



53, 1.089, 359.383



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, 4.731, 359.971



95, 6.776, 0.109



80, 3.694, 45.019



41, 3.668, 0.156



34, 65.023, 24.983



4, 18.365, 7.301

Inverse Universe

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



79, 4.731, 359.971



95, 6.776, 0.109



81, 3.575, 225.854



41, 3.668, 0.156



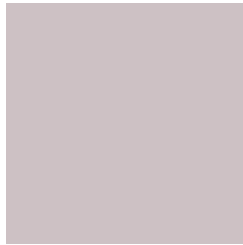
34, 65.023, 24.983



4, 18.365, 7.301

Previews

White Background



This preview shows how the CIELCh color 79, 4.733, 359.955 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 CIELCh color 79, 4.733, 359.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

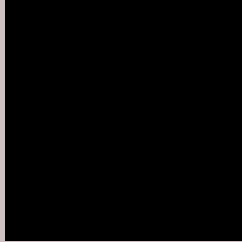
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

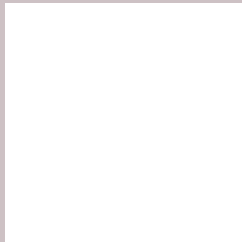
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 4.733, 359.955

Background



This preview shows how black text looks on a background with the CIELCh color 79, 4.733, 359.955.

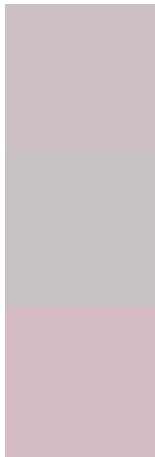


This preview shows how white text looks on a background with the CIELCh color 79, 4.733, 359.955.

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, 4.733, 359.955

Protanopia

79, 1.831, 343.593

Deuteranopia

79, 10.046, 358.443



Tritanopia
79, 9.742, 324.812

Trichromacy



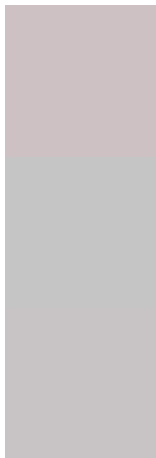
Original Color
79, 4.733, 359.955

Protanomaly
79, 3.051, 347.847

Deuteranomaly
79, 8.453, 357.850

Tritanomaly
79, 7.439, 334.123

Monochromacy



Original Color
79, 4.733, 359.955

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 2.140, 349.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 4.733, 359.955 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(205, 193, 196)` looks like.

```
.text, #text, p{  
    color:rgb(205, 193, 196)  
}
```

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(205, 193, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 193, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 4.733, 359.955 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(205, 193, 196) }
```

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

```
.border{ border-color:rgb(205, 193, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 193, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 193, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 193, 196);  
box-shadow:4px 4px 4px 4px rgb(205, 193,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 4.733, 359.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 193, 196) }
```

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

```
.background{ background-color: rgb(205,  
193, 196) }
```

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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