

Converting Colors

CIELCh(79, 4.474, 355.076)

Have a look what the booklet for
CIELCh(79, 4.474, 355.076) contains.

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Color

CIELCh(79, 4.385, 358.266)

Conversions

Conversions Part 1

Format	Color
Hex	CCC1C4
RGB	204, 193, 196
RGB Percent	80%, 76%, 77%
CMY	0.2002, 0.2433, 0.2316
CMYK	0.00, 0.05, 0.04, 0.20
HSL	344°, 10%, 78%
HSV	344°, 5%, 80%
XYZ	53.9022, 54.9284, 59.9531
YIQ	196.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

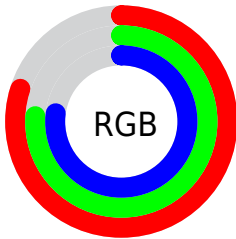
Format	Color
RYB	204, 193, 196
Decimal	13418948
CIELab	79.00, 4.38, -0.13
CIELCh	79, 4.385, 358.266
Yxy	54.9284, 0.3194, 0.3254
Android (android.graphics.Color)	4291609028 (0xFFCCC1C4)
YUV	196.6310, -0.3111, 6.4626
Hunter-Lab	74.1137, 0.1226, 3.9178

Details

The CIELCh color $79, 4.385, 358.266$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 4.304, 177.520$, 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 $59, 4.101, 3.746$ is the 20% darker color. If you saturate the color by 10%, you get $73, 12.785, 359.385$, and if you desaturate by 10%, it is $85, 3.649, 177.634$.

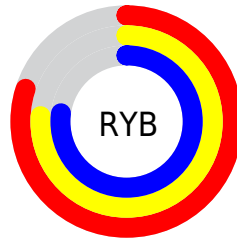
Distribution



Red (80%)

Green (76%)

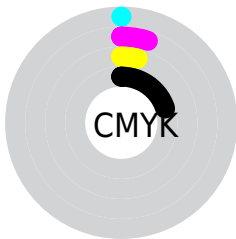
Blue (77%)



Red (80%)

Yellow (76%)

Blue (77%)

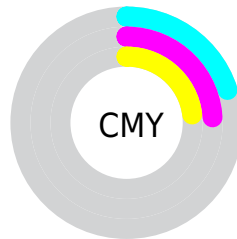


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 4.385, 358.266 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, 4.385, 358.266 by changing the saturation by 10% instead.

■ 79, 4.385, 358.266

■ 79, 4.385, 358.266

■ 100, 4.385,
358.266

■ 69, 4.385, 358.266

■ 99, 4.385, 358.266

■ 59, 4.385, 358.266

■ 49, 4.385, 358.266

■ 39, 4.385, 358.266

■ 29, 4.385, 358.266

■ 19, 4.385, 358.266

■ 9, 4.385, 358.266

■ 0, 4.385, 358.266

■ 79, 4.385, 358.266

■ 79, 4.385, 358.266

73, 12.785,
359.385

85, 3.649, 177.634

68, 21.504, 0.601

90, 11.299,
176.752

63, 30.431, 2.036

96, 18.575,
176.029

58, 39.374, 3.772

97, 16.889,
198.385

54, 48.046, 5.919

50, 56.076, 8.620

47, 63.085, 12.042

45, 68.828, 16.331

43, 73.368, 21.506

Harmonies

Complementary

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



79, 4.385, 358.266



81, 4.304, 177.520

Rectangle

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



79, 4.385, 358.266



79, 4.385, 48.266



79, 4.385, 178.266



79, 4.385, 228.266

Sweetspot

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



79, 4.383, 358.282



99, 1.937, 357.778



79, 6.573, 316.454



53, 1.101, 357.753



0, 0.000, 0.000



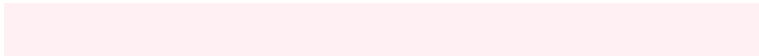
53, 0.007, 296.813

Same Dimension

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



79, 4.383, 358.282



96, 5.856, 358.361



80, 3.432, 41.118



41, 3.237, 358.417



35, 64.215, 23.041



4, 18.443, 6.239

Inverse Universe

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



79, 4.383, 358.282



96, 5.856, 358.361



81, 3.326, 221.771



41, 3.237, 358.417



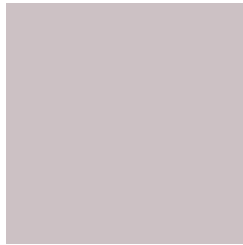
35, 64.215, 23.041



4, 18.443, 6.239

Previews

White Background



This preview shows how the CIELCh color 79, 4.385, 358.266 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, 4.385, 358.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

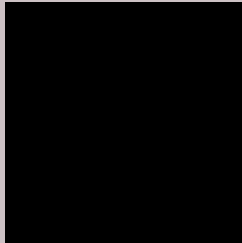
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

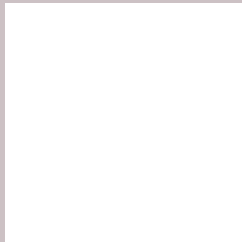
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 4.385, 358.266

Background



This preview shows how black text looks on a background with the CIELCh color 79, 4.385, 358.266.

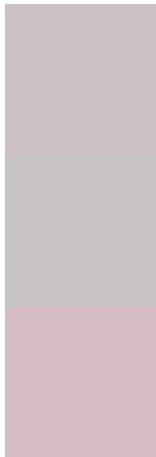


This preview shows how white text looks on a background with the CIELCh color 79, 4.385, 358.266.

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, 4.385, 358.266

Protanopia

79, 1.831, 343.593

Deuteranopia

79, 10.243, 355.663



Tritanopia
79, 9.542, 322.982

Trichromacy



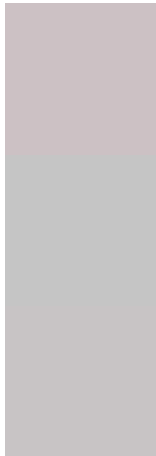
Original Color
79, 4.385, 358.266

Protanomaly
79, 3.051, 347.847

Deuteranomaly
79, 8.323, 353.423

Tritanomaly
79, 7.189, 331.984

Monochromacy



Original Color
79, 4.385, 358.266

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 1.573, 359.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 4.385, 358.266 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(204, 193, 196)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 193, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 193, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 4.385, 358.266 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(204, 193, 196) }
```

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

```
.border{ border-color:rgb(204, 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(204, 193, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 193, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 193, 196);  
box-shadow:4px 4px 4px 4px rgb(204, 193,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 4.385, 358.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 193, 196) }
```

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

```
.background{ background-color: rgb(204,  
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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