

Converting Colors

CIELCh(79, 3.398, 55.938)

Have a look what the booklet for
CIELCh(79, 3.398, 55.938) contains.

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Color

CIELCh(79, 3.651, 55.096)

Conversions

Conversions Part 1

Format	Color
Hex	CAC2BE
RGB	202, 194, 190
RGB Percent	79%, 76%, 75%
CMY	0.2074, 0.2388, 0.2545
CMYK	0.00, 0.04, 0.06, 0.21
HSL	20°, 10%, 77%
HSV	20°, 6%, 79%
XYZ	53.0109, 54.9284, 56.5873
YIQ	195.9360, 6.0520, 0.4520

Conversions

Conversions Part 2

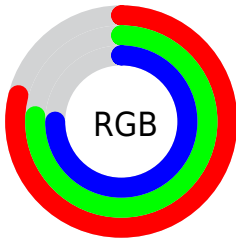
Format	Color
RYB	202, 196, 190
Decimal	13288126
CIELab	79.00, 2.09, 2.99
CIELCh	79, 3.651, 55.096
Yxy	54.9284, 0.3222, 0.3339
Android (android.graphics.Color)	4291478206 (0xFFCAC2BE)
YUV	195.9360, -2.9264, 5.3181
Hunter-Lab	74.1137, -2.0241, 6.6105

Details

The CIELCh color **79, 3.651, 55.096** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 3.553, 236.377**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.675, 68.589**, and **59, 3.592, 47.690** is the 20% darker color. If you saturate the color by 10%, you get **75, 10.159, 54.454**, and if you desaturate by 10%, it is **83, 2.422, 236.267**.

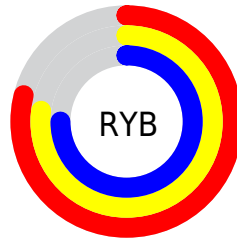
Distribution



Red (79%)

Green (76%)

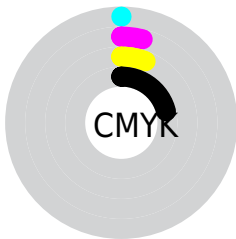
Blue (75%)



Red (79%)

Yellow (77%)

Blue (75%)

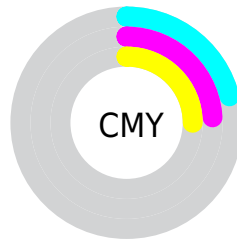


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (21%)



Cyan (21%)

Magenta (24%)



Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 3.651, 55.096 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, 3.651, 55.096 by changing the saturation by 10% instead.

 79, 3.651, 55.096  79, 3.651, 55.096

 100, 3.651, 55.096  69, 3.651, 55.096

 99, 3.651, 55.096  59, 3.651, 55.096

 49, 3.651, 55.096


 39, 3.651, 55.096

 29, 3.651, 55.096

 19, 3.651, 55.096

 9, 3.651, 55.096

 0, 3.651, 55.096

 79, 3.651, 55.096  79, 3.651, 55.096

75, 10.159, 54.454

83, 2.422, 236.267

71, 17.148, 53.760

87, 8.109, 236.940

67, 24.658, 53.123

91, 13.454,
237.738

64, 32.710, 52.567

95, 15.448,
212.083

60, 41.287, 52.102

57, 50.293, 51.710

97, 17.454,
198.349

54, 59.473, 51.314

51, 68.234, 50.699

49, 75.448, 49.424

Harmonies

Complementary

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



79, 3.651, 55.096



79, 3.553, 236.377

Rectangle

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



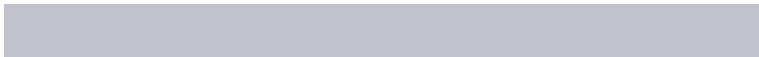
79, 3.651, 55.096



79, 3.651, 105.096



79, 3.651, 235.096



79, 3.651, 285.096

Sweetspot

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



79, 3.651, 55.133



99, 1.462, 55.176



78, 6.180, 336.022



53, 0.830, 55.163



0, 0.000, 0.000



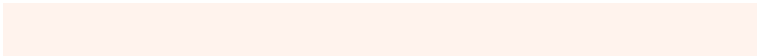
53, 0.007, 296.813

Same Dimension

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



79, 3.651, 55.133



97, 5.219, 55.065



81, 5.342, 101.661



41, 2.827, 55.038



39, 67.047, 49.437



6, 15.037, 40.009

Inverse Universe

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



79, 3.553, 236.377



97, 5.047, 236.461



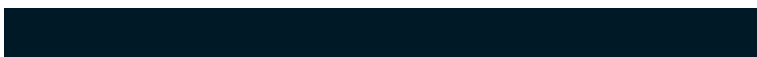
78, 5.399, 283.030



42, 2.728, 236.495



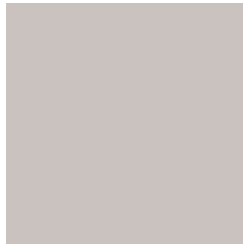
44, 37.372, 261.665



8, 12.417, 250.068

Previews

White Background



This preview shows how the CIELCh color 79, 3.651, 55.096 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, 3.651, 55.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

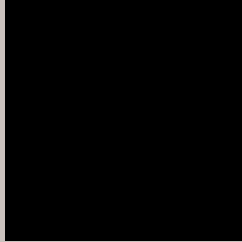
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

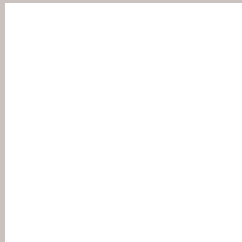
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 3.651, 55.096

Background



This preview shows how black text looks on a background with the CIELCh color 79, 3.651, 55.096.



This preview shows how white text looks on a background with the CIELCh color 79, 3.651, 55.096.

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, 3.651, 55.096

Protanopia

79, 3.230, 74.704

Deuteranopia

79, 10.229, 14.237



Tritanopia
79, 9.343, 321.079

Trichromacy



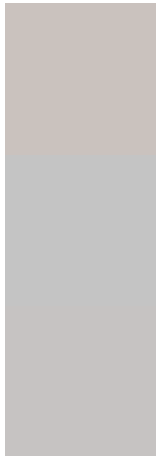
Original Color
79, 3.651, 55.096

Protanomaly
79, 3.458, 69.601

Deuteranomaly
79, 7.508, 19.933

Tritanomaly
79, 5.904, 333.504

Monochromacy



Original Color
79, 3.651, 55.096

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.220, 44.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 3.651, 55.096 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(202, 194, 190)` looks like.

```
.text, #text, p{  
    color:rgb(202, 194, 190)  
}
```

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(202, 194, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 194, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 3.651, 55.096 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(202, 194, 190) }
```

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

```
.border{ border-color:rgb(202, 194, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 194, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 194, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 194, 190);  
box-shadow:4px 4px 4px 4px rgb(202, 194,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 3.651, 55.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 194, 190) }
```

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

```
.background{ background-color: rgb(202,  
194, 190) }
```

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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