

Converting Colors

CIELCh(79, 3.746, 33.799)

Have a look what the booklet for
CIELCh(79, 3.746, 33.799) contains.

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Color

CIELCh(79, 3.504, 37.169)

Conversions

Conversions Part 1

Format	Color
Hex	CBC2C0
RGB	203, 194, 192
RGB Percent	80%, 76%, 75%
CMY	0.2049, 0.2402, 0.2480
CMYK	0.00, 0.04, 0.05, 0.20
HSL	11°, 10%, 77%
HSV	11°, 5%, 80%
XYZ	53.2831, 54.9284, 57.5185
YIQ	196.4630, 6.0060, 1.2860

Conversions

Conversions Part 2

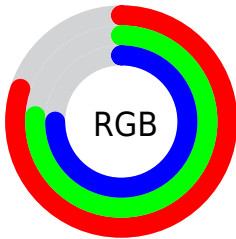
Format	Color
R _Y B	203, 194, 192
Decimal	13353664
CIE Lab	79.00, 2.79, 2.12
CIE LCh	79, 3.504, 37.169
Yxy	54.9284, 0.3215, 0.3314
Android (android.graphics.Color)	4291543744 (0xFFCBC2C0)
YUV	196.4630, -2.2003, 5.7329
Hunter-Lab	74.1137, -1.3687, 5.8655

Details

The CIELCh color $79, 3.504, 37.169$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 3.390, 217.682$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 2.022, 49.321$, and $59, 3.602, 28.644$ is the 20% darker color. If you saturate the color by 10%, you get $74, 10.382, 37.260$, and if you desaturate by 10%, it is $84, 2.844, 217.700$.

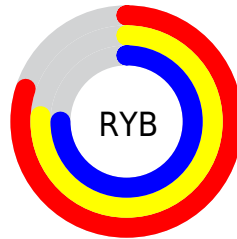
Distribution



Red (80%)

Green (76%)

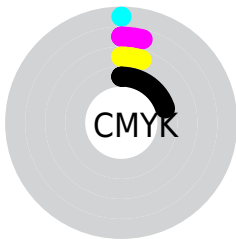
Blue (75%)



Red (80%)

Yellow (76%)

Blue (75%)

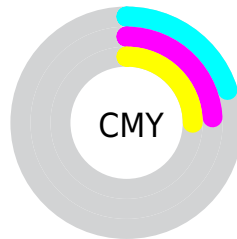


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 3.504, 37.169 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, 3.504, 37.169 by changing the saturation by 10% instead.

 79, 3.504, 37.169

 79, 3.504, 37.169

 100, 3.504, 37.169

 69, 3.504, 37.169

 99, 3.504, 37.169

 59, 3.504, 37.169

 49, 3.504, 37.169

 39, 3.504, 37.169

 29, 3.504, 37.169

 19, 3.504, 37.169

 9, 3.504, 37.169

 0, 3.504, 37.169

 79, 3.504, 37.169

 79, 3.504, 37.169

74, 10.382, 37.260

84, 2.844, 217.700

70, 17.841, 37.356

89, 8.714, 217.779

65, 25.919, 37.599

94, 14.162,
218.015

61, 34.625, 38.040

97, 17.258,
198.361

57, 43.924, 38.720

53, 53.698, 39.658

50, 63.679, 40.812

47, 73.271, 41.967

45, 81.184, 42.556

Harmonies

Complementary

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



79, 3.504, 37.169



80, 3.390, 217.682

Rectangle

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



79, 3.504, 37.169



79, 3.504, 87.169



79, 3.504, 217.169



79, 3.504, 267.169

Sweetspot

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



79, 3.503, 37.205



99, 1.534, 36.974



79, 6.375, 329.669



53, 0.872, 36.953



0, 0.000, 0.000



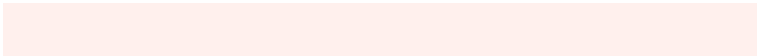
53, 0.007, 296.813

Same Dimension

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



79, 3.503, 37.205



96, 5.484, 37.227



80, 4.105, 90.401



41, 2.971, 37.231



36, 72.197, 43.148



5, 16.162, 29.447

Inverse Universe

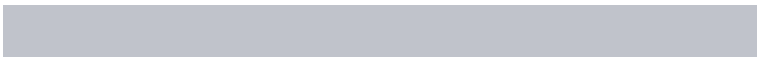
The Inverse Universe completely reimagines the original color for something new.



80, 3.390, 217.682



98, 5.249, 217.681



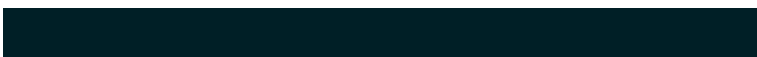
79, 4.116, 271.867



42, 2.836, 217.684



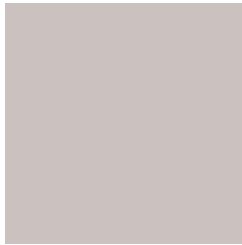
52, 31.602, 231.342



10, 11.770, 223.238

Previews

White Background



This preview shows how the CIELCh color 79, 3.504, 37.169 looks on a white background.

Color Contrast Check

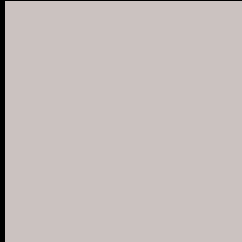
Large Text (above 18pt) WCAG AA × Fail

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, 3.504, 37.169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

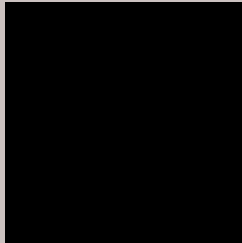
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

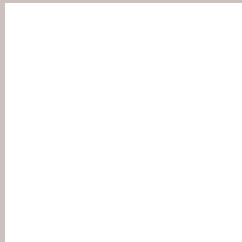
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 3.504, 37.169

Background



This preview shows how black text looks on a background with the CIELCh color 79, 3.504, 37.169.



This preview shows how white text looks on a background with the CIELCh color 79, 3.504, 37.169.

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, 3.504, 37.169

Protanopia

79, 2.432, 60.286

Deuteranopia

79, 9.985, 7.895



Tritanopia
79, 9.995, 321.345

Trichromacy



Original Color
79, 3.504, 37.169

Protanomaly
79, 2.726, 55.165

Deuteranomaly
79, 7.559, 11.869

Tritanomaly
79, 6.549, 332.668

Monochromacy



Original Color
79, 3.504, 37.169

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, 3.504, 37.169 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(203, 194, 192)` looks like.

```
.text, #text, p{  
    color:rgb(203, 194, 192)  
}
```

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(203, 194, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 194, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 3.504, 37.169 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(203, 194, 192) }
```

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

```
.border{ border-color:rgb(203, 194, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 194, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 194, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 194, 192);  
box-shadow:4px 4px 4px 4px rgb(203, 194,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 3.504, 37.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 194, 192) }
```

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

```
.background{ background-color: rgb(203,  
194, 192) }
```

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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