

Converting Colors

CIELCh(79, 2.476, 333.497)

Have a look what the booklet for
CIELCh(79, 2.476, 333.497) contains.

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Color

CIELCh(79, 2.837, 330.574)

Conversions

Conversions Part 1

Format	Color
Hex	C7C2C6
RGB	199, 194, 198
RGB Percent	78%, 76%, 78%
CMY	0.2188, 0.2384, 0.2227
CMYK	0.00, 0.03, 0.01, 0.22
HSL	312°, 4%, 77%
HSV	312°, 3%, 78%
XYZ	53.1586, 54.9284, 61.3475
YIQ	195.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

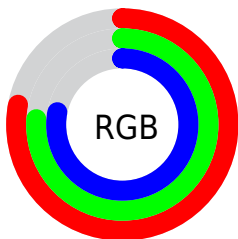
Format	Color
RYB	199, 194, 198
Decimal	13091526
CIELab	79.00, 2.47, -1.39
CIELCh	79, 2.837, 330.574
Yxy	54.9284, 0.3137, 0.3242
Android (android.graphics.Color)	4291281606 (0xFFC7C2C6)
YUV	195.9510, 1.0102, 2.6740
Hunter-Lab	74.1137, -1.6684, 2.8023

Details

The CIELCh color $79, 2.837, 330.574$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 2.818, 150.487$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.114, 324.451$, and $59, 3.008, 330.654$ is the 20% darker color. If you saturate the color by 10%, you get $74, 14.216, 331.289$, and if you desaturate by 10%, it is $84, 8.343, 150.126$.

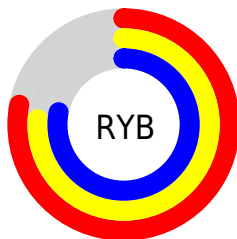
Distribution



Red (78%)

Green (76%)

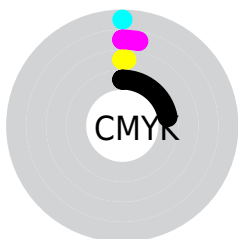
Blue (78%)



Red (78%)

Yellow (76%)

Blue (78%)

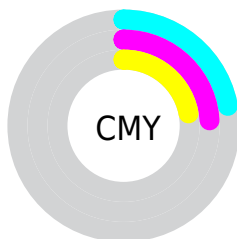


Cyan (0%)

Magenta (3%)

Yellow (1%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 2.837, 330.574 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, 2.837, 330.574 by changing the saturation by 10% instead.

■ 79, 2.837, 330.574

■ 79, 2.837, 330.574

■ 100, 2.837,
330.574

■ 69, 2.837, 330.574

■ 99, 2.837, 330.574

■ 59, 2.837, 330.574

■ 49, 2.837, 330.574

■ 39, 2.837, 330.574

■ 29, 2.837, 330.574

■ 19, 2.837, 330.574

■ 9, 2.837, 330.574

■ 0, 2.837, 330.574

■ 79, 2.837, 330.574

■ 79, 2.837, 330.574

74, 14.216,
331.289

84, 8.343, 150.126

69, 25.678,
331.947

90, 19.245,
149.535

64, 37.024,
332.621

95, 29.835,
148.987

60, 47.969,
333.317

95, 28.889,
151.374

56, 58.125,
334.036

95, 27.370,
154.186

52, 67.016,
334.786

96, 25.914,
157.307

49, 74.128,
335.581

96, 24.533,
160.774

47, 79.020,
336.449

96, 23.240,
164.627

46, 81.482,

96, 22.053,
168.899

337.423

Harmonies

Complementary

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



79, 2.837, 330.574



80, 2.818, 150.487

Rectangle

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



79, 2.837, 330.574



79, 2.837, 20.574



79, 2.837, 150.574



79, 2.837, 200.574

Sweetspot

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



79, 2.835, 330.578



99, 1.385, 330.328



79, 2.708, 298.158



53, 0.787, 330.311



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, 2.835, 330.578



98, 4.143, 330.630



79, 2.018, 355.953



41, 2.561, 330.691



37, 70.959, 338.052



4, 22.444, 335.027

Inverse Universe

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



79, 2.835, 330.578



98, 4.143, 330.630



80, 1.995, 175.972



41, 2.561, 330.691



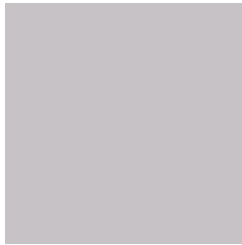
37, 70.959, 338.052



4, 22.444, 335.027

Previews

White Background



This preview shows how the CIELCh color 79, 2.837, 330.574 looks on a white background.

Color Contrast Check

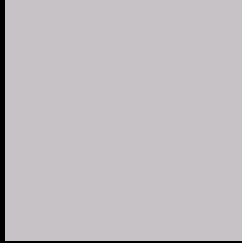
Large Text (above 18pt) WCAG AA × Fail

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, 2.837, 330.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

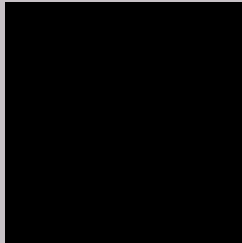
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

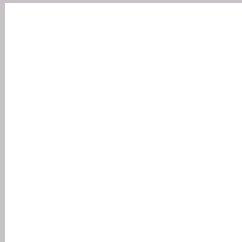
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 2.837, 330.574

Background



This preview shows how black text looks on a background with the CIELCh color 79, 2.837, 330.574.

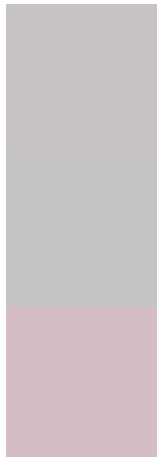


This preview shows how white text looks on a background with the CIELCh color 79, 2.837, 330.574.

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, 2.837, 330.574

Protanopia

79, 1.960, 324.394

Deuteranopia

79, 10.385, 349.378



Tritanopia
79, 8.559, 310.519

Trichromacy



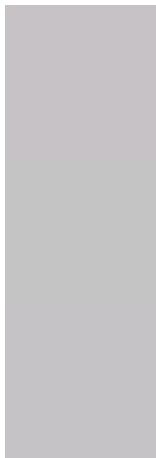
Original Color
79, 2.837, 330.574

Protanomaly
79, 1.960, 324.394

Deuteranomaly
79, 7.613, 345.906

Tritanomaly
79, 6.439, 313.880

Monochromacy



Original Color
79, 2.837, 330.574

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.310, 324.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 2.837, 330.574 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(199, 194, 198)` looks like.

```
.text, #text, p{  
    color:rgb(199, 194, 198)  
}
```

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(199, 194, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 194, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 2.837, 330.574 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(199, 194, 198) }
```

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

```
.border{ border-color:rgb(199, 194, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 194, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 194, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 194, 198);  
box-shadow:4px 4px 4px 4px rgb(199, 194,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 2.837, 330.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 194, 198) }
```

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

```
.background{ background-color: rgb(199,  
194, 198) }
```

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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