

Converting Colors

CIELCh(79, 3.367, 170.796)

Have a look what the booklet for
CIELCh(79, 3.367, 170.796) contains.

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Color

CIELCh(79, 3.348, 170.752)

Conversions

Conversions Part 1

Format	Color
Hex	BDC5C2
RGB	189, 197, 194
RGB Percent	74%, 77%, 76%
CMY	0.2571, 0.2257, 0.2375
CMYK	0.04, 0.00, 0.02, 0.23
HSL	157°, 7%, 76%
HSV	157°, 4%, 77%
XYZ	50.9540, 54.9284, 59.2202
YIQ	194.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

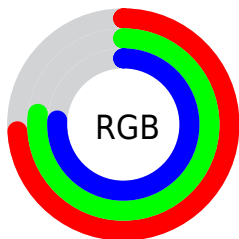
Format	Color
RYB	189, 194, 197
Decimal	12436930
CIELab	79.00, -3.30, 0.54
CIELCh	79, 3.348, 170.752
Yxy	54.9284, 0.3086, 0.3327
Android (android.graphics.Color)	4290627010 (0xFFBDC5C2)
YUV	194.2660, -0.1311, -4.6183
Hunter-Lab	74.1137, -6.9781, 4.5042

Details

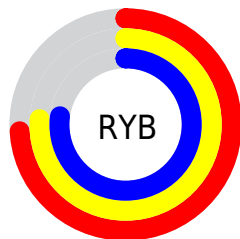
The CIELCh color $79, 3.348, 170.752$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 3.388, 351.191$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.758, 166.589$, and $59, 3.220, 167.383$ is the 20% darker color. If you saturate the color by 10%, you get $77, 11.582, 169.711$, and if you desaturate by 10%, it is $81, 4.928, 351.373$.

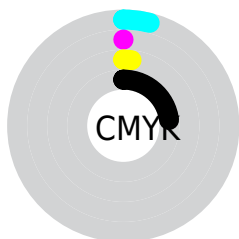
Distribution



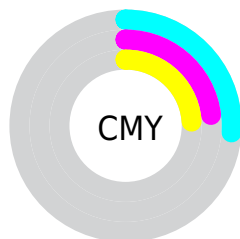
- Red (74%)
- Green (77%)
- Blue (76%)



- Red (74%)
- Yellow (76%)
- Blue (77%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (26%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 3.348, 170.752 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, 3.348, 170.752 by changing the saturation by 10% instead.

■ 79, 3.348, 170.752

■ 79, 3.348, 170.752

■ 100, 3.348,
170.752

■ 69, 3.348, 170.752

■ 99, 3.348, 170.752

■ 59, 3.348, 170.752

■ 49, 3.348, 170.752

■ 39, 3.348, 170.752

■ 29, 3.348, 170.752

■ 19, 3.348, 170.752

■ 9, 3.348, 170.752

■ 0, 3.348, 170.752

■ 79, 3.348, 170.752

■ 79, 3.348, 170.752

77, 11.582,
169.711

81, 4.928, 351.373

76, 19.667,
168.683

83, 13.170,
352.233

75, 27.486,
167.563

85, 21.315,
352.999

74, 34.905,
166.327

85, 25.094,
347.808

73, 41.786,
164.948

86, 27.246,
340.850

72, 48.003,
163.402

86, 29.763,
335.044

71, 53.458,
161.665

86, 32.557,
330.245

71, 58.108,
159.721

86, 35.561,
326.286

71, 61.980,

86, 36.093,
325.679

157.573

Harmonies

Complementary

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



79, 3.348, 170.752



77, 3.388, 351.191

Rectangle

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



79, 3.348, 170.752



79, 3.348, 220.752



79, 3.348, 350.752



79, 3.348, 40.752

Sweetspot

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



79, 3.350, 170.736



100, 1.012, 171.406



79, 4.651, 132.905



53, 0.575, 171.439



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, 3.350, 170.736



99, 5.085, 170.618



79, 2.606, 210.467



42, 2.828, 170.557



59, 55.257, 156.609



11, 17.983, 162.586

Inverse Universe

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



77, 3.388, 351.191



97, 5.151, 351.311



78, 2.672, 30.169



40, 2.867, 351.373



34, 60.972, 13.505



4, 16.893, 0.270

Previews

White Background



This preview shows how the CIELCh color 79, 3.348, 170.752 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, 3.348, 170.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

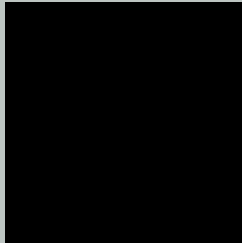
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

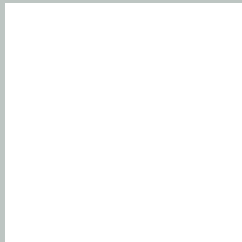
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 3.348, 170.752

Background



This preview shows how black text looks on a background with the CIELCh color 79, 3.348, 170.752.

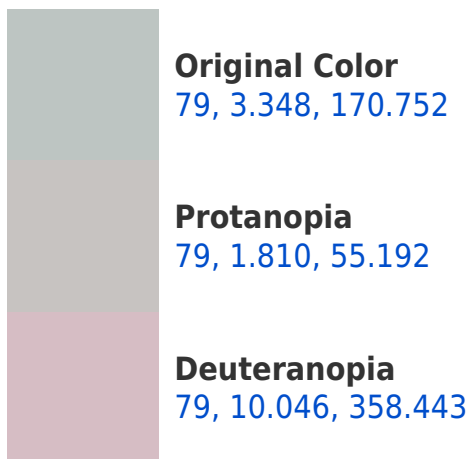


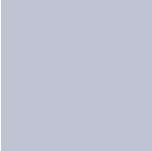
This preview shows how white text looks on a background with the CIELCh color 79, 3.348, 170.752.

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





Tritanopia
79, 8.068, 283.342

Trichromacy



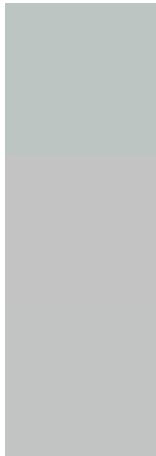
Original Color
79, 3.348, 170.752

Protanomaly
79, 1.057, 110.022

Deuteranomaly
79, 5.091, 1.422

Tritanomaly
79, 4.607, 267.689

Monochromacy



Original Color
79, 3.348, 170.752

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.223, 173.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 3.348, 170.752 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(189, 197, 194)` looks like.

```
.text, #text, p{  
    color:rgb(189, 197, 194)  
}
```

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(189, 197, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 197, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 3.348, 170.752 is called "border". The border property can be set on classes, ids or directly on the HTML element.

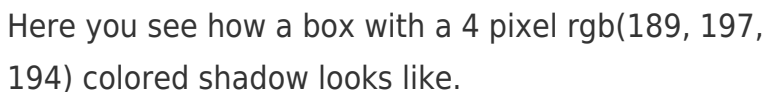
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 197, 194) }
```

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

```
.border{ border-color:rgb(189, 197, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 197, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 197, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 197, 194); box-shadow:4px 4px 4px 4px rgb(189, 197, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 3.348, 170.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 197, 194) }
```

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

```
.background{ background-color: rgb(189,  
197, 194) }
```

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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