

Converting Colors

CIELCh(80, 4.254, 151.467)

Have a look what the booklet for
CIELCh(80, 4.254, 151.467) contains.

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Color

CIELCh(80, 4.116, 148.474)

Conversions

Conversions Part 1

Format	Color
Hex	C1C8C2
RGB	193, 200, 194
RGB Percent	76%, 78%, 76%
CMY	0.2423, 0.2148, 0.2384
CMYK	0.03, 0.00, 0.03, 0.21
HSL	129°, 6%, 77%
HSV	129°, 3%, 79%
XYZ	52.5151, 56.6813, 59.3400
YIQ	197.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

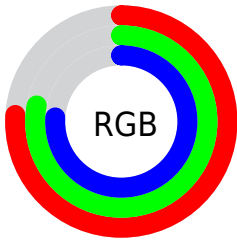
Format	Color
R_{YB}	193, 199, 200
Decimal	12699842
CIE _{Lab}	80.00, -3.51, 2.15
CIE _{LCh}	80, 4.116, 148.474
Yxy	56.6813, 0.3116, 0.3363
Android (android.graphics.Color)	4290889922 (0xFFC1C8C2)
YUV	197.2230, -1.5889, -3.7036
Hunter-Lab	75.2870, -7.2427, 5.9695

Details

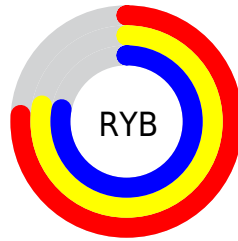
The CIELCh color `80, 4.116, 148.474` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `79, 4.136, 328.745`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 3.307, 149.357`, and `60, 4.132, 144.266` is the 20% darker color. If you saturate the color by 10%, you get `78, 16.011, 147.758`, and if you desaturate by 10%, it is `82, 7.605, 328.930`.

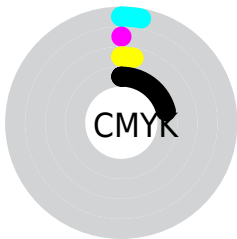
Distribution



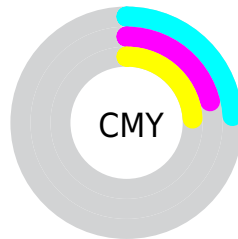
- Red (76%)
- Green (78%)
- Blue (76%)



- Red (76%)
- Yellow (78%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 4.116, 148.474 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 80, 4.116, 148.474 by changing the saturation by 10% instead.

■ 80, 4.116, 148.474

■ 80, 4.116, 148.474

■ 100, 4.116,
148.474

■ 70, 4.116, 148.474

■ 60, 4.116, 148.474

■ 50, 4.116, 148.474

■ 40, 4.116, 148.474

■ 30, 4.116, 148.474

■ 20, 4.116, 148.474

■ 10, 4.116, 148.474

■ 0, 4.116, 148.474

■ 80, 4.116, 148.474

■ 80, 4.116, 148.474

78, 16.011,
147.758

82, 7.605, 328.930

77, 27.948,
146.979

84, 19.071,
329.443

75, 39.761,
146.078

86, 30.222,
329.872

74, 51.237,
145.037

87, 34.355,
325.619

73, 62.120,
143.847

72, 72.122,
142.515

71, 80.938,
141.076

71, 88.261,
139.596

71, 93.820,

Harmonies

Complementary

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



80, 4.116, 148.474



79, 4.136, 328.745

Rectangle

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



80, 4.116, 148.474



80, 4.116, 198.474



80, 4.116, 328.474



80, 4.116, 18.474

Sweetspot

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



80, 4.118, 148.472



100, 1.422, 148.798



80, 3.729, 115.143



53, 0.808, 148.814



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 4.118, 148.472



99, 5.733, 148.428



80, 2.908, 171.356



42, 3.324, 148.381



58, 82.486, 137.633



11, 24.813, 146.150

Inverse Universe

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



79, 4.136, 328.745



97, 5.755, 328.787



79, 2.940, 351.668



41, 3.335, 328.833



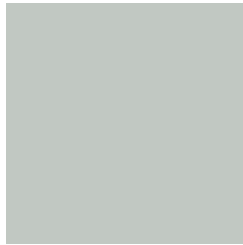
37, 74.086, 334.800



4, 23.618, 332.355

Previews

White Background



This preview shows how the CIELCh color 80, 4.116, 148.474 looks on a white background.

Color Contrast Check

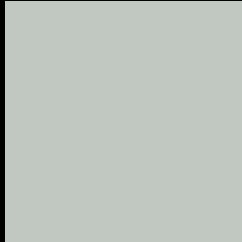
Large Text (above 18pt) WCAG AA × Fail

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 80, 4.116, 148.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

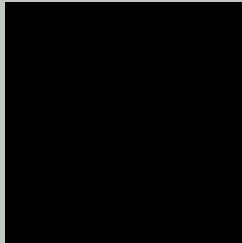
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

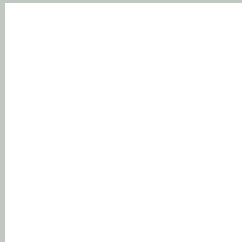
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 4.116, 148.474

Background



This preview shows how black text looks on a background with the CIELCh color 80, 4.116, 148.474.



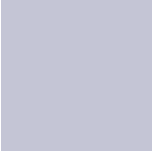
This preview shows how white text looks on a background with the CIELCh color 80, 4.116, 148.474.

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
80, 8.535, 288.572

Trichromacy



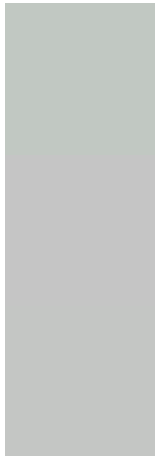
Original Color
80, 4.116, 148.474

Protanomaly
80, 2.671, 101.956

Deuteranomaly
80, 5.207, 19.709

Tritanomaly
80, 4.384, 276.369

Monochromacy



Original Color
80, 4.116, 148.474

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 1.292, 144.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 4.116, 148.474 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(193, 200, 194)` looks like.

```
.text, #text, p{  
    color:rgb(193, 200, 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(193, 200, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 200, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 4.116, 148.474 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(193, 200, 194) }
```

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

```
.border{ border-color:rgb(193, 200, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 200, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 200, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 200, 194);  
box-shadow:4px 4px 4px 4px rgb(193, 200,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 4.116, 148.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 200, 194) }
```

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

```
.background{ background-color: rgb(193,  
200, 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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