

Converting Colors

CIELCh(84, 3.460, 1.798)

Have a look what the booklet for
CIELCh(84, 3.460, 1.798) contains.

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Color

CIELCh(84, 3.460, 1.798)

Conversions

Conversions Part 1

Format	Color
Hex	D8CFD1
RGB	216, 207, 209
RGB Percent	85%, 81%, 82%
CMY	0.1516, 0.1869, 0.1790
CMYK	0.00, 0.04, 0.03, 0.15
HSL	347°, 10%, 83%
HSV	347°, 4%, 85%
XYZ	62.3700, 64.0658, 69.6250
YIQ	209.9190, 4.7220, 2.5300

Conversions

Conversions Part 2

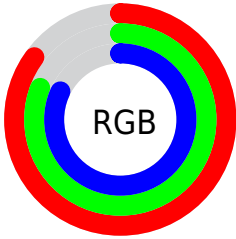
Format	Color
R _Y B	216, 207, 209
Decimal	14208977
CIE Lab	84.00, 3.46, 0.11
CIE LCh	84, 3.460, 1.798
Yxy	64.0658, 0.3181, 0.3268
Android (android.graphics.Color)	4292399057 (0xFFD8CFD1)
YUV	209.9190, -0.4531, 5.3330
Hunter-Lab	80.0411, -0.9802, 4.4544

Details

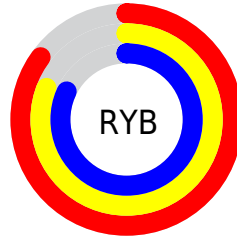
The CIELCh color **84, 3.460, 1.798** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 3.399, 181.380**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 3.293, 359.841** is the 20% darker color. If you saturate the color by 10%, you get **78, 12.064, 2.942**, and if you desaturate by 10%, it is **90, 4.717, 181.217**.

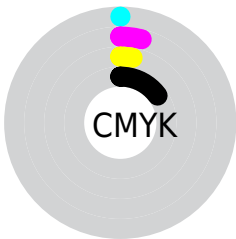
Distribution



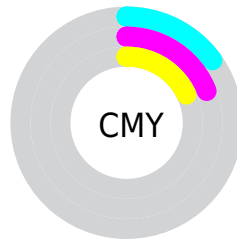
- Red (85%)
- Green (81%)
- Blue (82%)



- Red (85%)
- Yellow (81%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 3.460, 1.798 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 84, 3.460, 1.798 by changing the saturation by 10% instead.

■ 84, 3.460, 1.798

■ 84, 3.460, 1.798

■ 100, 3.460, 1.798

■ 74, 3.460, 1.798

■ 64, 3.460, 1.798

■ 54, 3.460, 1.798

■ 44, 3.460, 1.798

■ 34, 3.460, 1.798

■ 24, 3.460, 1.798

■ 14, 3.460, 1.798

■ 4, 3.460, 1.798

■ 0, 3.460, 1.798

84, 3.460, 1.798

84, 3.460, 1.798

78, 12.064, 2.942

90, 4.717, 181.217

72, 21.067, 4.152

96, 12.461,
180.383

67, 30.372, 5.589

97, 12.980,
198.639

62, 39.810, 7.343

57, 49.109, 9.527

53, 57.913, 12.284

50, 65.842, 15.776

47, 72.637, 20.123

46, 78.303, 25.282

Harmonies

Complementary

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



84, 3.460, 1.798



86, 3.399, 181.380

Rectangle

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



84, 3.460, 1.798



84, 3.460, 51.798



84, 3.460, 181.798



84, 3.460, 231.798

Sweetspot

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



84, 3.458, 1.821



99, 0.946, 1.048



84, 5.388, 317.944



53, 0.538, 1.011



0, 0.000, 0.000



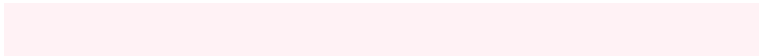
53, 0.007, 296.813

Same Dimension

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



84, 3.458, 1.821



97, 4.759, 1.932



85, 2.710, 47.031



43, 2.818, 2.003



36, 67.686, 27.409



5, 22.090, 9.903

Inverse Universe

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



84, 3.458, 1.821



97, 4.759, 1.932



85, 2.654, 227.886



43, 2.818, 2.003



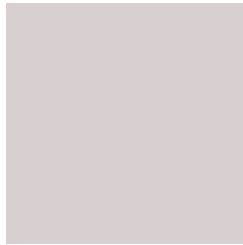
36, 67.686, 27.409



5, 22.090, 9.903

Previews

White Background



This preview shows how the CIELCh color 84, 3.460, 1.798 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 84, 3.460, 1.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

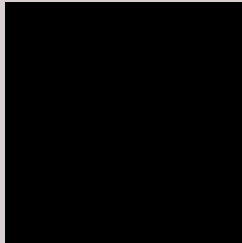
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

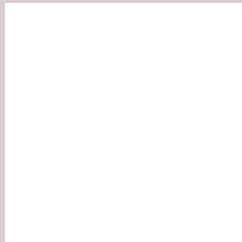
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 3.460, 1.798

Background



This preview shows how black text looks on a background with the CIELCh color 84, 3.460, 1.798.

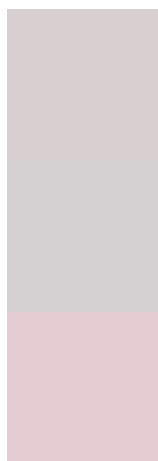


This preview shows how white text looks on a background with the CIELCh color 84, 3.460, 1.798.

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

84, 3.460, 1.798

Protanopia

84, 2.115, 349.402

Deuteranopia

84, 10.259, 359.179



Tritanopia
84, 10.154, 318.053

Trichromacy



Original Color

84, 3.460, 1.798

Protanomaly

84, 2.436, 353.746

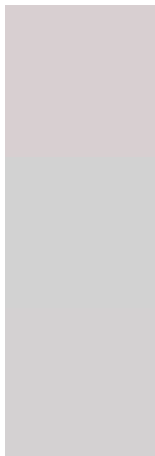
Deuteranomaly

84, 7.460, 359.300

Tritanomaly

84, 7.066, 324.681

Monochromacy



Original Color

84, 3.460, 1.798

Achromatopsia

84, 0.010, 296.813

Achromatomaly

84, 1.220, 353.421

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 3.460, 1.798 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(216, 207, 209)` looks like.

```
.text, #text, p{  
    color:rgb(216, 207, 209)  
}
```

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(216, 207, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 207, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 3.460, 1.798 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(216, 207, 209) }
```

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

```
.border{ border-color:rgb(216, 207, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 207, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 207, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 207, 209);  
box-shadow:4px 4px 4px 4px rgb(216, 207,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 3.460, 1.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 207, 209) }
```

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

```
.background{ background-color: rgb(216,  
207, 209) }
```

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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