

Converting Colors

CIELCh(84, 1.407, 290.185)

Have a look what the booklet for
CIELCh(84, 1.407, 290.185) contains.

CIELCh(84, 1.590, 290.356)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(84, 1.590, 290.356)

Conversions

Conversions Part 1

Format	Color
Hex	D1D1D4
RGB	209, 209, 212
RGB Percent	82%, 82%, 83%
CMY	0.1795, 0.1795, 0.1677
CMYK	0.01, 0.01, 0.00, 0.17
HSL	240°, 3%, 83%
HSV	240°, 1%, 83%
XYZ	61.1273, 64.0658, 71.5818
YIQ	209.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

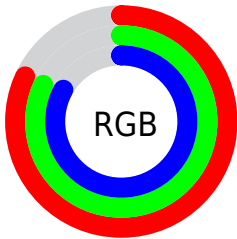
Format	Color
R _Y B	209, 209, 212
Decimal	13750740
CIE Lab	84.00, 0.55, -1.49
CIE LCh	84, 1.590, 290.356
Yxy	64.0658, 0.3106, 0.3256
Android (android.graphics.Color)	4291940820 (0xFFD1D1D4)
YUV	209.3420, 1.3104, -0.2999
Hunter-Lab	80.0411, -3.7517, 3.0050

Details

The CIELCh color `84, 1.590, 290.356` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 1.563, 109.954`, 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, 1.122, 290.345` is the 20% darker color. If you saturate the color by 10%, you get `77, 13.009, 291.332`, and if you desaturate by 10%, it is `91, 9.391, 109.362`.

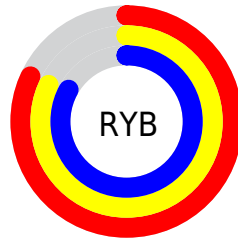
Distribution



Red (82%)

Green (82%)

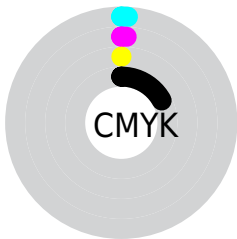
Blue (83%)



Red (82%)

Yellow (82%)

Blue (83%)

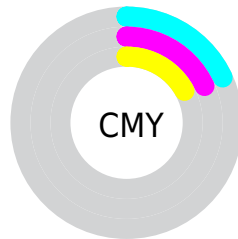


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (17%)



Cyan (18%)

Magenta (18%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 1.590, 290.356 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, 1.590, 290.356 by changing the saturation by 10% instead.

■ 84, 1.590, 290.356

■ 84, 1.590, 290.356

100, 1.590,
290.356

■ 74, 1.590, 290.356

■ 64, 1.590, 290.356

■ 54, 1.590, 290.356

■ 44, 1.590, 290.356

■ 34, 1.590, 290.356

■ 24, 1.590, 290.356

■ 14, 1.590, 290.356

■ 4, 1.590, 290.356

■ 0, 1.590, 290.356

84, 1.590, 290.356

84, 1.590, 290.356

77, 13.009,
291.332

91, 9.391, 109.362

70, 24.908,
292.579

98, 19.963,
108.601

63, 37.321,
294.050

99, 21.610,
108.541

56, 50.271,
295.767

49, 63.727,
297.731

42, 77.504,
299.893

36, 91.063,
302.111

31, 103.212,
304.119

■ 28,112.080,
305.570

Harmonies

Complementary

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



84, 1.590, 290.356



85, 1.563, 109.954

Rectangle

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



84, 1.590, 290.356



84, 1.590, 340.356



84, 1.590, 110.356



84, 1.590, 160.356

Sweetspot

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



84, 1.588, 290.310

100, 0.012, 296.813



85, 1.079, 198.465



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



84, 1.588, 290.310



98, 2.606, 290.356



84, 1.681, 308.476



44, 1.284, 290.345



20, 99.066, 306.271



2, 27.554, 294.017

Inverse Universe

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



84, 1.091, 18.865



99, 1.795, 19.060



85, 1.658, 128.493



45, 0.884, 19.026



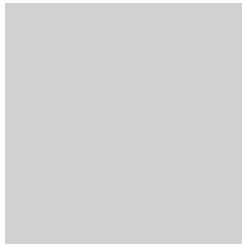
35, 77.298, 39.851



5, 21.999, 19.714

Previews

White Background



This preview shows how the CIELCh color 84, 1.590, 290.356 looks on a white background.

Color Contrast Check

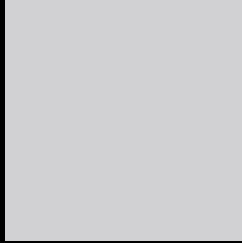
Large Text (above 18pt) WCAG AA × Fail

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 84, 1.590, 290.356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

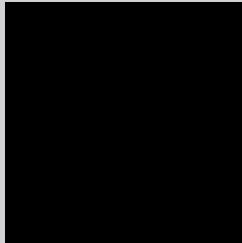
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

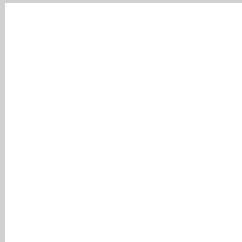
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 1.590, 290.356

Background



This preview shows how black text looks on a background with the CIELCh color 84, 1.590, 290.356.

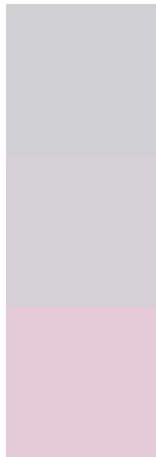


This preview shows how white text looks on a background with the CIELCh color 84, 1.590, 290.356.

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, 1.590, 290.356

Protanopia

84, 2.579, 324.441

Deuteranopia

84, 10.570, 350.378



Tritanopia
84, 9.111, 299.847

Trichromacy



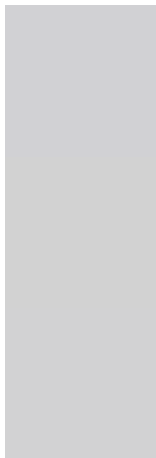
Original Color
84, 1.590, 290.356

Protanomaly
84, 2.392, 317.290

Deuteranomaly
84, 7.217, 344.191

Tritanomaly
84, 6.387, 297.108

Monochromacy



Original Color
84, 1.590, 290.356

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 0.536, 290.348

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 1.590, 290.356 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(209, 209, 212)` looks like.

```
.text, #text, p{  
    color:rgb(209, 209, 212)  
}
```

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(209, 209, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 209, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 1.590, 290.356 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(209, 209, 212) }
```

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

```
.border{ border-color:rgb(209, 209, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 209, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 209, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 209, 212);  
box-shadow:4px 4px 4px 4px rgb(209, 209,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 1.590, 290.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 209, 212) }
```

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

```
.background{ background-color: rgb(209,  
209, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor