

Converting Colors

CIELCh(84, 1.848, 59.150)

Have a look what the booklet for
CIELCh(84, 1.848, 59.150) contains.

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Color

CIELCh(84, 1.786, 55.189)

Conversions

Conversions Part 1

Format	Color
Hex	D5D1CF
RGB	213, 209, 207
RGB Percent	84%, 82%, 81%
CMY	0.1658, 0.1814, 0.1893
CMYK	0.00, 0.02, 0.03, 0.17
HSL	20°, 7%, 82%
HSV	20°, 3%, 83%
XYZ	61.3257, 64.0658, 67.9920
YIQ	209.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

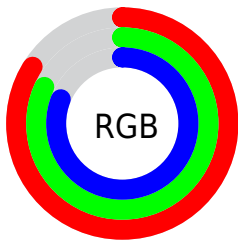
Format	Color
R _Y B	213, 210, 207
Decimal	14012879
CIE Lab	84.00, 1.02, 1.47
CIE LCh	84, 1.786, 55.189
Yxy	64.0658, 0.3171, 0.3313
Android (android.graphics.Color)	4292202959 (0xFFD5D1CF)
YUV	209.9680, -1.4632, 2.6591
Hunter-Lab	80.0411, -3.3091, 5.6641

Details

The CIELCh color **84, 1.786, 55.189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 1.771, 236.292**, 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, 1.593, 63.349** is the 20% darker color. If you saturate the color by 10%, you get **80, 8.425, 54.710**, and if you desaturate by 10%, it is **88, 4.414, 236.475**.

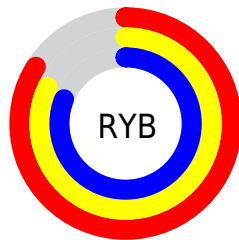
Distribution



Red (84%)

Green (82%)

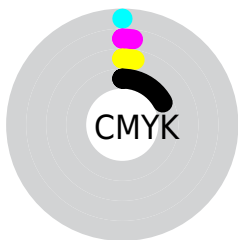
Blue (81%)



Red (84%)

Yellow (82%)

Blue (81%)

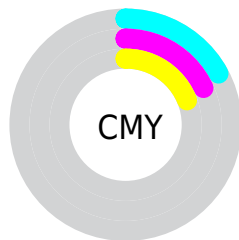


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (17%)



Cyan (17%)

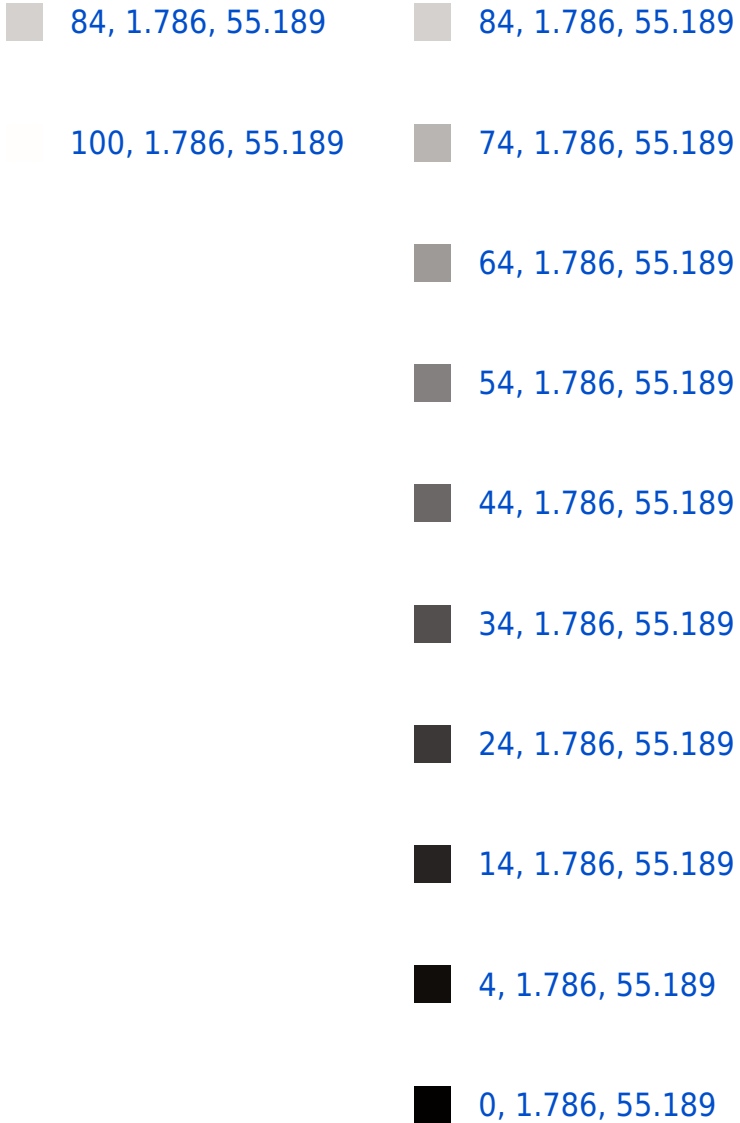
Magenta (18%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 1.786, 55.189 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, 1.786, 55.189 by changing the saturation by 10% instead.



84, 1.786, 55.189

84, 1.786, 55.189

80, 8.425, 54.710

88, 4.414, 236.475

76, 15.552, 54.002

92, 10.225,
237.231

72, 23.212, 53.341

96, 12.967,
207.235

68, 31.436, 52.756

64, 40.219, 52.260

97, 14.135,
198.563

61, 49.493, 51.848

58, 59.052, 51.463

55, 68.401, 50.940

52, 76.518, 49.898

Harmonies

Complementary

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



84, 1.786, 55.189



84, 1.771, 236.292

Rectangle

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



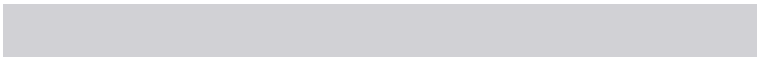
84, 1.786, 55.189



84, 1.786, 105.189



84, 1.786, 235.189



84, 1.786, 285.189

Sweetspot

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



84, 1.786, 55.265



100, 0.725, 54.890



84, 3.054, 335.742



53, 0.412, 54.851



0, 0.000, 0.000



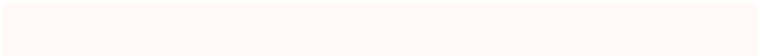
53, 0.007, 296.813

Same Dimension

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



84, 1.786, 55.265



99, 2.203, 55.269



85, 2.637, 101.972



44, 1.451, 55.263



41, 68.611, 49.369



8, 17.979, 40.826

Inverse Universe

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



84, 1.771, 236.292



99, 2.181, 236.290



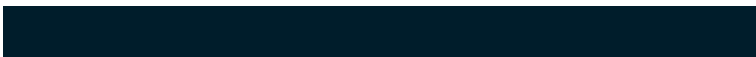
83, 2.666, 282.700



44, 1.430, 236.302



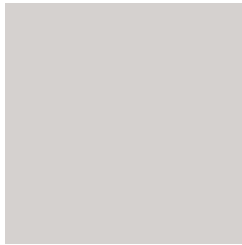
46, 38.292, 261.851



9, 13.644, 250.609

Previews

White Background



This preview shows how the CIELCh color 84, 1.786, 55.189 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, 1.786, 55.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

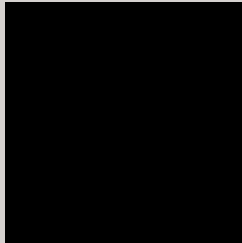
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

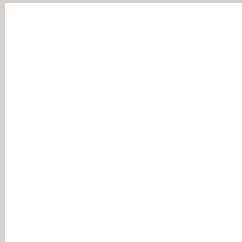
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 1.786, 55.189

Background



This preview shows how black text looks on a background with the CIELCh color 84, 1.786, 55.189.

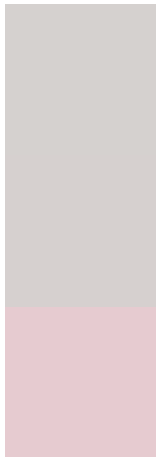


This preview shows how white text looks on a background with the CIELCh color 84, 1.786, 55.189.

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, 1.786, 55.189

Protanopia

84, 2.248, 32.833

Deuteranopia

84, 10.320, 5.447



Tritanopia
84, 9.572, 310.405

Trichromacy



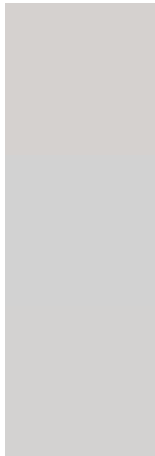
Original Color
84, 1.786, 55.189

Protanomaly
84, 2.248, 32.833

Deuteranomaly
84, 7.173, 7.201

Tritanomaly
84, 5.878, 315.892

Monochromacy



Original Color
84, 1.786, 55.189

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 0.628, 74.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 1.786, 55.189 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(213, 209, 207)` looks like.

```
.text, #text, p{  
    color:rgb(213, 209, 207)  
}
```

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(213, 209, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 209, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 1.786, 55.189 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(213, 209, 207) }
```

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

```
.border{ border-color:rgb(213, 209, 207) }
```

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

Here you see how a box with a 4 pixel rgb(213, 209, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 209, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 209, 207);  
box-shadow:4px 4px 4px 4px rgb(213, 209,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 1.786, 55.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 209, 207) }
```

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

```
.background{ background-color: rgb(213,  
209, 207) }
```

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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