

Converting Colors

CIELCh(57, 5.108, 19.578)

Have a look what the booklet for
CIELCh(57, 5.108, 19.578) contains.

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Color

CIELCh(57, 5.200, 19.864)

Conversions

Conversions Part 1

Format	Color
Hex	938686
RGB	147, 134, 134
RGB Percent	58%, 53%, 53%
CMY	0.4240, 0.4750, 0.4750
CMYK	0.00, 0.09, 0.09, 0.42
HSL	0°, 6%, 55%
HSV	0°, 9%, 58%
XYZ	24.8101, 24.9227, 26.0097
YIQ	137.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

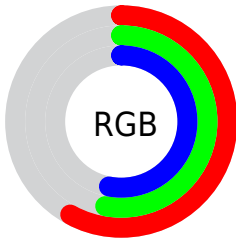
Format	Color
R_{YB}	147, 134, 134
Decimal	9668230
CIE Lab	57.00, 4.89, 1.77
CIE LCh	57, 5.200, 19.864
Yxy	24.9227, 0.3276, 0.3290
Android (android.graphics.Color)	4287858310 (0xFF938686)
YUV	137.8870, -1.9163, 7.9921
Hunter-Lab	49.9226, 1.3446, 4.0558

Details

The CIELCh color $57, 5.200, 19.864$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 4.925, 199.041$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 5.251, 19.730$, and $37, 5.242, 20.105$ is the 20% darker color. If you saturate the color by 10%, you get $53, 11.506, 20.692$, and if you desaturate by 10%, it is $61, 0.649, 200.042$.

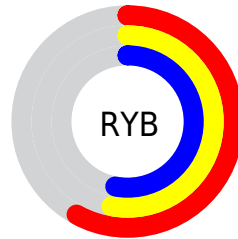
Distribution



Red (58%)

Green (53%)

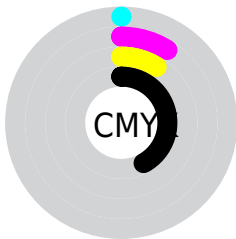
Blue (53%)



Red (58%)

Yellow (53%)

Blue (53%)

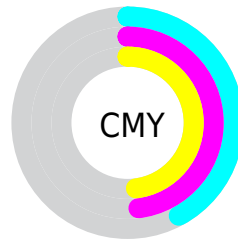


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (42%)



Cyan (42%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 5.200, 19.864 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 57, 5.200, 19.864 by changing the saturation by 10% instead.

■ 57, 5.200, 19.864 ■ 57, 5.200, 19.864

■ 100, 5.200, 19.864 ■ 47, 5.200, 19.864

■ 77, 5.200, 19.864 ■ 37, 5.200, 19.864

■ 87, 5.200, 19.864 ■ 27, 5.200, 19.864

■ 97, 5.200, 19.864 ■ 17, 5.200, 19.864

■ 7, 5.200, 19.864

■ 0, 5.200, 19.864

■ 57, 5.200, 19.864 ■ 57, 5.200, 19.864

■ 53, 11.506, 20.692 ■ 61, 0.649, 200.042

■ 49, 18.282, 21.694 ■ 66, 6.067, 198.965

45, 25.500, 22.983

70, 11.094,
198.554

41, 33.082, 24.655

75, 15.772,
198.238

37, 40.881, 26.812

35, 48.681, 29.535

79, 20.142,
197.984

32, 56.181, 32.798

84, 24.242,
197.776

31, 62.887, 36.275

30, 68.064, 39.052

88, 28.104,
197.605

93, 31.760,
197.462

94, 32.643,
197.410

Harmonies

Complementary

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



57, 5.200, 19.864



60, 4.925, 199.041

Rectangle

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



57, 5.200, 19.864



57, 5.200, 69.864



57, 5.200, 199.864



57, 5.200, 249.864

Sweetspot

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



57, 5.199, 19.880



76, 2.138, 19.351



57, 8.994, 324.890



40, 1.638, 19.447



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



57, 5.199, 19.880



71, 8.088, 20.064



59, 4.486, 74.309



29, 3.342, 19.908



28, 65.123, 38.932



1, 2.828, 19.421

Inverse Universe

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



60, 4.925, 199.041



76, 7.547, 198.901



58, 4.399, 256.596



31, 3.159, 199.019



52, 31.686, 196.416



2, 2.827, 199.438

Previews

White Background



This preview shows how the CIELCh color 57, 5.200, 19.864 looks on a white background.

Color Contrast Check

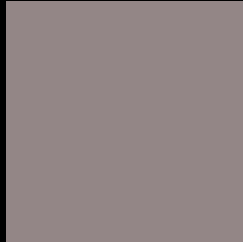
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 5.200, 19.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

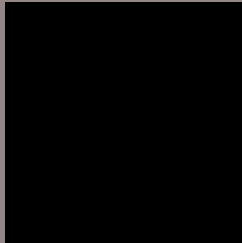
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 5.200, 19.864

Background



This preview shows how black text looks on a background with the CIELCh color 57, 5.200, 19.864.



This preview shows how white text looks on a background with the CIELCh color 57, 5.200, 19.864.

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


57, 5.200, 19.864

Protanopia

57, 1.674, 39.157

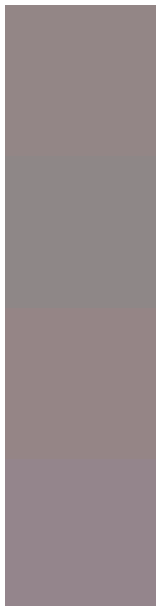
Deuteranopia

57, 7.717, 11.730



Tritanopia
57, 8.892, 335.494

Trichromacy



Original Color
57, 5.200, 19.864

Protanomaly
57, 2.776, 19.541

Deuteranomaly
57, 6.440, 14.970

Tritanomaly
57, 7.152, 346.292

Monochromacy



Original Color
57, 5.200, 19.864

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 1.975, 19.397

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 5.200, 19.864 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(147, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(147, 134, 134)  
}
```

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(147, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 134, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 5.200, 19.864 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(147, 134, 134) }
```

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

```
.border{ border-color:rgb(147, 134, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 134, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(147, 134,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 5.200, 19.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 134, 134) }
```

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

```
.background{ background-color: rgb(147,  
134, 134) }
```

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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