

Converting Colors

CIELCh(57, 5.810, 19.747)

Have a look what the booklet for
CIELCh(57, 5.810, 19.747) contains.

CIELCh(57, 5.606, 19.912)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(57, 5.606, 19.912)

Conversions

Conversions Part 1

Format	Color
Hex	948686
RGB	148, 134, 134
RGB Percent	58%, 53%, 53%
CMY	0.4211, 0.4759, 0.4759
CMYK	0.00, 0.09, 0.09, 0.42
HSL	0°, 6%, 55%
HSV	0°, 9%, 58%
XYZ	24.8987, 24.9227, 25.9202
YIQ	138.1860, 8.3440, 2.9680

Conversions

Conversions Part 2

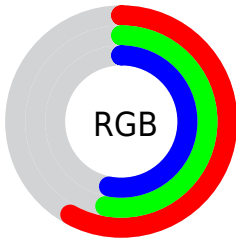
Format	Color
R _Y B	148, 134, 134
Decimal	9733766
CIE Lab	57.00, 5.27, 1.91
CIE LCh	57, 5.606, 19.912
Yxy	24.9227, 0.3287, 0.3290
Android (android.graphics.Color)	4287923846 (0xFF948686)
YUV	138.1860, -2.0637, 8.6069
Hunter-Lab	49.9226, 1.6617, 4.1620

Details

The CIELCh color $57, 5.606, 19.912$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 5.289, 199.001$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 5.631, 19.768$, and $37, 5.688, 20.174$ is the 20% darker color. If you saturate the color by 10%, you get $53, 11.969, 20.748$, and if you desaturate by 10%, it is $61, 0.296, 200.885$.

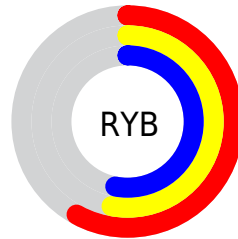
Distribution



Red (58%)

Green (53%)

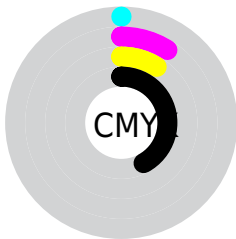
Blue (53%)



Red (58%)

Yellow (53%)

Blue (53%)

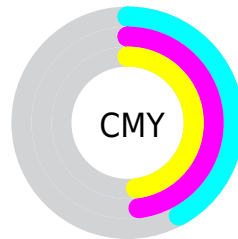


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (42%)



Cyan (42%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 5.606, 19.912 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, 5.606, 19.912 by changing the saturation by 10% instead.

 57, 5.606, 19.912  57, 5.606, 19.912

 100, 5.606, 19.912  47, 5.606, 19.912

 77, 5.606, 19.912  37, 5.606, 19.912

 87, 5.606, 19.912  27, 5.606, 19.912

 97, 5.606, 19.912  17, 5.606, 19.912

 7, 5.606, 19.912

 0, 5.606, 19.912

 57, 5.606, 19.912  57, 5.606, 19.912

 53, 11.969, 20.748  61, 0.296, 200.885

 48, 18.803, 21.766  66, 5.763, 198.993

45, 26.079, 23.077

70, 10.835,
198.574

41, 33.712, 24.778

75, 15.553,
198.253

37, 41.552, 26.971

35, 49.375, 29.734

79, 19.960,
197.996

32, 56.873, 33.028

84, 24.092,
197.786

31, 63.525, 36.496

30, 68.662, 39.228

88, 27.985,
197.612

93, 31.668,
197.467

94, 32.461,
197.421

Harmonies

Complementary

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



57, 5.606, 19.912



60, 5.289, 199.001

Rectangle

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



57, 5.606, 19.912



57, 5.606, 69.912



57, 5.606, 199.912



57, 5.606, 249.912

Sweetspot

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



57, 5.605, 19.927



76, 2.138, 19.349



57, 9.676, 324.925



40, 1.638, 19.445



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, 5.605, 19.927



71, 8.088, 20.062



59, 4.831, 74.238



29, 3.342, 19.906



28, 65.124, 38.932



1, 2.828, 19.419

Inverse Universe

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



60, 5.289, 199.001



76, 7.548, 198.899



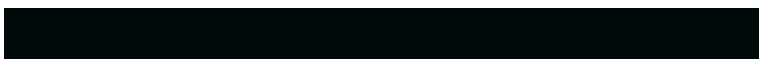
58, 4.729, 256.677



31, 3.159, 199.017



52, 31.687, 196.412



2, 2.828, 199.436

Previews

White Background



This preview shows how the CIELCh color 57, 5.606, 19.912 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, 5.606, 19.912 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, 5.606, 19.912

Background



This preview shows how black text looks on a background with the CIELCh color 57, 5.606, 19.912.



This preview shows how white text looks on a background with the CIELCh color 57, 5.606, 19.912.

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, 5.606, 19.912

Protanopia

57, 1.674, 39.157

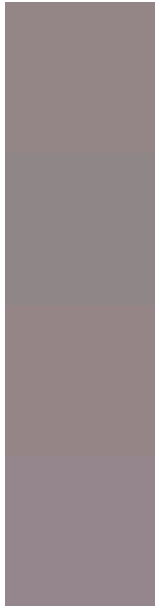
Deuteranopia

57, 7.717, 11.730



Tritanopia
57, 9.173, 337.282

Trichromacy



Original Color
57, 5.606, 19.912

Protanomaly
57, 3.176, 19.601

Deuteranomaly
57, 6.847, 15.320

Tritanomaly
57, 7.485, 348.046

Monochromacy



Original Color
57, 5.606, 19.912

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 2.373, 19.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 5.606, 19.912 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(148, 134, 134)` looks like.

```
.text, #text, p{  
    color:rgb(148, 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(148, 134, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 134, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 5.606, 19.912 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(148, 134, 134) }
```

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

```
.border{ border-color:rgb(148, 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(148, 134, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 134, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 134, 134);  
box-shadow:4px 4px 4px 4px rgb(148, 134,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 5.606, 19.912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 134, 134) }
```

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

```
.background{ background-color: rgb(148,  
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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