

Converting Colors

CIELCh(57, 6.517, 60.115)

Have a look what the booklet for
CIELCh(57, 6.517, 60.115) contains.

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Color

CIELCh(57, 6.674, 62.502)

Conversions

Conversions Part 1

Format	Color
Hex	93877F
RGB	147, 135, 127
RGB Percent	58%, 53%, 50%
CMY	0.4249, 0.4720, 0.5033
CMYK	0.00, 0.08, 0.14, 0.42
HSL	24°, 8%, 54%
HSV	24°, 14%, 58%
XYZ	24.3910, 24.9227, 23.4847
YIQ	137.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

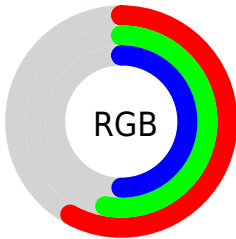
Format	Color
R _Y B	147, 140, 127
Decimal	9668479
CIE Lab	57.00, 3.08, 5.92
CIE LCh	57, 6.674, 62.502
Yxy	24.9227, 0.3350, 0.3424
Android (android.graphics.Color)	4287858559 (0xFF93877F)
YUV	137.6760, -5.2633, 8.1771
Hunter-Lab	49.9226, -0.1536, 7.0545

Details

The CIELCh color $57, 6.674, 62.502$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 6.319, 245.503$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 6.527, 60.513$, and $37, 6.555, 60.805$ is the 20% darker color. If you saturate the color by 10%, you get $54, 11.934, 61.570$, and if you desaturate by 10%, it is $60, 1.723, 63.353$.

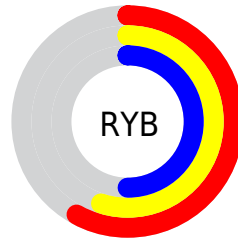
Distribution



Red (58%)

Green (53%)

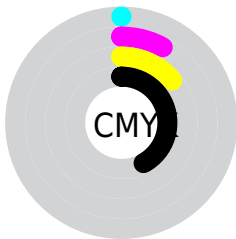
Blue (50%)



Red (58%)

Yellow (55%)

Blue (50%)

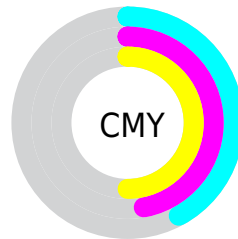


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 6.674, 62.502 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, 6.674, 62.502 by changing the saturation by 10% instead.

 57, 6.674, 62.502  57, 6.674, 62.502

 100, 6.674, 62.502  47, 6.674, 62.502

 77, 6.674, 62.502  37, 6.674, 62.502

 87, 6.674, 62.502  27, 6.674, 62.502

 97, 6.674, 62.502  17, 6.674, 62.502

 7, 6.674, 62.502

 0, 6.674, 62.502

 57, 6.674, 62.502  57, 6.674, 62.502

 54, 11.934, 61.570  60, 1.723, 63.353

 52, 17.529, 60.635  63, 2.950, 244.667

49, 23.474, 59.733

65, 7.374, 245.579

46, 29.762, 58.870

68, 11.577,
246.529

44, 36.339, 58.031

71, 15.587,
247.469

42, 43.061, 57.165

40, 49.602, 56.134

74, 19.427,
248.385

38, 55.327, 54.647

77, 23.116,
249.273

36, 58.908, 53.874

80, 26.674,
250.131

83, 28.832,
248.034

Harmonies

Complementary

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



57, 6.674, 62.502



57, 6.319, 245.503

Rectangle

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



57, 6.674, 62.502



57, 6.674, 112.502



57, 6.674, 242.502



57, 6.674, 292.502

Sweetspot

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



57, 6.674, 62.519



76, 2.360, 63.331



55, 10.485, 339.621



40, 1.695, 63.289



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, 6.674, 62.519



72, 9.810, 62.263



60, 10.140, 104.411



30, 2.748, 62.927



34, 56.170, 54.100



1, 2.348, 63.909

Inverse Universe

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



57, 6.319, 245.503



72, 9.176, 245.847



54, 10.383, 287.326



30, 2.653, 244.988



34, 36.576, 271.047



1, 2.348, 243.926

Previews

White Background



This preview shows how the CIELCh color 57, 6.674, 62.502 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, 6.674, 62.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

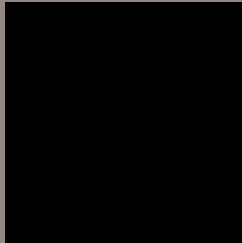
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

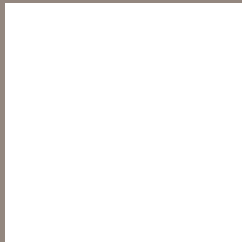
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 6.674, 62.502

Background



This preview shows how black text looks on a background with the CIELCh color 57, 6.674, 62.502.

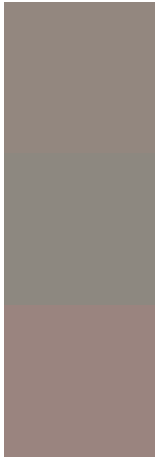


This preview shows how white text looks on a background with the CIELCh color 57, 6.674, 62.502.

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, 6.674, 62.502

Protanopia

57, 4.963, 85.635

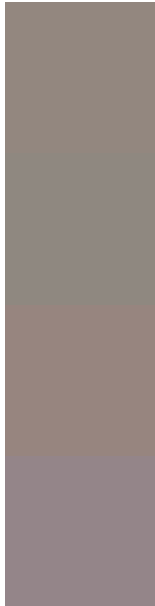
Deuteranopia

57, 9.483, 37.590



Tritanopia
57, 9.173, 337.282

Trichromacy



Original Color
57, 6.674, 62.502

Protanomaly
57, 5.344, 77.622

Deuteranomaly
57, 8.128, 44.742

Tritanomaly
57, 6.390, 359.195

Monochromacy



Original Color
57, 6.674, 62.502

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 2.608, 60.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 6.674, 62.502 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, 135, 127)` looks like.

```
.text, #text, p{  
    color:rgb(147, 135, 127)  
}
```

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, 135, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 135, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 6.674, 62.502 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, 135, 127) }
```

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

```
.border{ border-color:rgb(147, 135, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 135, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 135, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 135, 127);  
box-shadow:4px 4px 4px 4px rgb(147, 135,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 6.674, 62.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 135, 127) }
```

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

```
.background{ background-color: rgb(147,  
135, 127) }
```

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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