

Converting Colors

CIELCh(57, 9.837, 92.673)

Have a look what the booklet for
CIELCh(57, 9.837, 92.673) contains.

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Color

CIELCh(57, 9.533, 91.429)

Conversions

Conversions Part 1

Format	Color
Hex	8F8878
RGB	143, 136, 120
RGB Percent	56%, 53%, 47%
CMY	0.4380, 0.4655, 0.5283
CMYK	0.00, 0.05, 0.16, 0.44
HSL	42°, 9%, 52%
HSV	42°, 16%, 56%
XYZ	23.6346, 24.9227, 21.4273
YIQ	136.2690, 9.3080, -3.4920

Conversions

Conversions Part 2

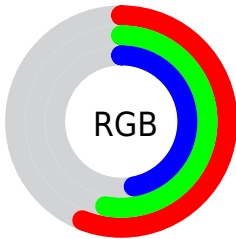
Format	Color
RYB	130, 143, 120
Decimal	9406584
CIELab	57.00, -0.24, 9.53
CIElCh	57, 9.533, 91.429
Yxy	24.9227, 0.3377, 0.3561
Android (android.graphics.Color)	4287596664 (0xFF8F8878)
YUV	136.2690, -8.0206, 5.9031
Hunter-Lab	49.9226, -2.8583, 9.4979

Details

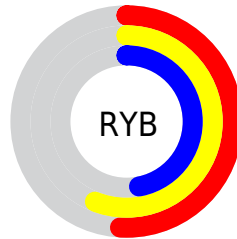
The CIELCh color $57, 9.533, 91.429$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 9.555, 275.500$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 9.590, 90.589$, and $37, 9.191, 88.465$ is the 20% darker color. If you saturate the color by 10%, you get $55, 15.603, 90.195$, and if you desaturate by 10%, it is $59, 3.561, 92.619$.

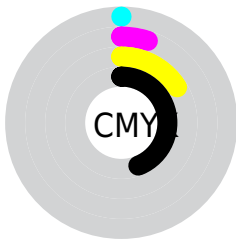
Distribution



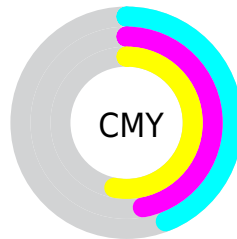
- Red (56%)
- Green (53%)
- Blue (47%)



- Red (51%)
- Yellow (56%)
- Blue (47%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (44%)



- Cyan (44%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 9.533, 91.429 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, 9.533, 91.429 by changing the saturation by 10% instead.

■ 57, 9.533, 91.429 ■ 57, 9.533, 91.429

■ 100, 9.533, 91.429 ■ 47, 9.533, 91.429

■ 77, 9.533, 91.429 ■ 37, 9.533, 91.429

■ 87, 9.533, 91.429 ■ 27, 9.533, 91.429

■ 97, 9.533, 91.429 ■ 17, 9.533, 91.429

■ 7, 9.533, 91.429

■ 0, 9.533, 91.429

■ 57, 9.533, 91.429 ■ 57, 9.533, 91.429

■ 55, 15.603, 90.195 ■ 59, 3.561, 92.619

■ 54, 21.748, 88.910 ■ 60, 2.309, 273.910

53, 27.923, 87.589

62, 8.075, 274.978

51, 34.037, 86.227

63, 13.742,
276.041

50, 39.927, 84.811

65, 19.314,
277.060

48, 45.308, 83.304

47, 49.737, 81.629

67, 24.800,
278.030

46, 52.780, 79.692

68, 30.204,
278.952

46, 53.948, 78.954

70, 35.532,
279.825

72, 40.791,
280.650

Harmonies

Complementary

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



57, 9.533, 91.429



53, 9.555, 275.500

Rectangle

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



57, 9.533, 91.429



57, 9.533, 141.429



57, 9.533, 271.429



57, 9.533, 321.429

Sweetspot

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



57, 9.534, 91.439



75, 3.634, 92.723



53, 10.212, 356.319



39, 2.501, 92.655



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



57, 9.534, 91.439



72, 14.006, 91.028



59, 13.082, 116.259



29, 3.321, 92.263



43, 51.714, 79.103



1, 2.233, 93.376

Inverse Universe

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



53, 9.555, 275.500



66, 14.039, 276.001



52, 13.528, 298.551



28, 3.330, 274.551



21, 62.142, 297.230



1, 2.233, 273.383

Previews

White Background



This preview shows how the CIELCh color 57, 9.533, 91.429 looks on a white background.

Color Contrast Check

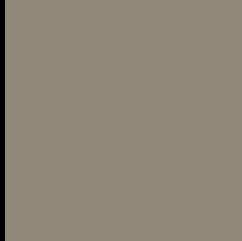
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.533, 91.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

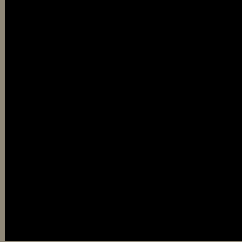
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

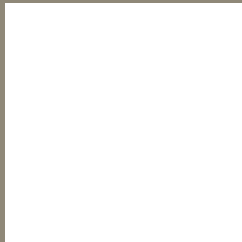
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 9.533, 91.429

Background



This preview shows how black text looks on a background with the CIELCh color 57, 9.533, 91.429.



This preview shows how white text looks on a background with the CIELCh color 57, 9.533, 91.429.

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, 9.533, 91.429

Protanopia

57, 9.533, 91.429

Deuteranopia

57, 11.868, 51.805



Tritanopia
57, 7.667, 332.146

Trichromacy



Original Color
57, 9.533, 91.429

Protanomaly
57, 9.533, 91.429

Deuteranomaly
57, 10.250, 65.704

Tritanomaly
57, 4.419, 12.389

Monochromacy



Original Color
57, 9.533, 91.429

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 3.492, 96.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 9.533, 91.429 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(143, 136, 120)` looks like.

```
.text, #text, p{  
    color:rgb(143, 136, 120)  
}
```

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(143, 136, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 136, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 9.533, 91.429 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(143, 136, 120) }
```

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

```
.border{ border-color:rgb(143, 136, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 136, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 136, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 136, 120);  
box-shadow:4px 4px 4px 4px rgb(143, 136,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 9.533, 91.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 136, 120) }
```

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

```
.background{ background-color: rgb(143,  
136, 120) }
```

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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