

Converting Colors

CIELCh(57, 10.208, 36.025)

Have a look what the booklet for
CIELCh(57, 10.208, 36.025) contains.

CIELCh(57, 9.886, 36.898)	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, 9.886, 36.898)

Conversions

Conversions Part 1

Format	Color
Hex	9B847F
RGB	155, 132, 127
RGB Percent	61%, 52%, 50%
CMY	0.3930, 0.4831, 0.5027
CMYK	0.00, 0.15, 0.18, 0.39
HSL	11°, 12%, 55%
HSV	11°, 18%, 61%
XYZ	25.5190, 24.9227, 23.4756
YIQ	138.3070, 15.3130, 3.3210

Conversions

Conversions Part 2

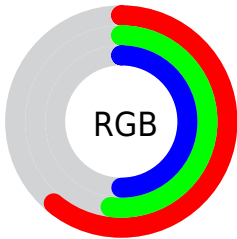
Format	Color
R _Y B	155, 133, 127
Decimal	10191999
CIE Lab	57.00, 7.91, 5.94
CIE LCh	57, 9.886, 36.898
Yxy	24.9227, 0.3452, 0.3372
Android (android.graphics.Color)	4288382079 (0xFF9B847F)
YUV	138.3070, -5.5744, 14.6398
Hunter-Lab	49.9226, 3.8796, 7.0653

Details

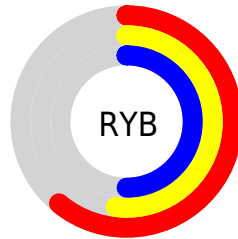
The CIELCh color $57, 9.886, 36.898$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 8.795, 217.506$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 9.949, 35.619$, and $37, 9.578, 39.166$ is the 20% darker color. If you saturate the color by 10%, you get $53, 15.994, 37.049$, and if you desaturate by 10%, it is $61, 4.243, 36.854$.

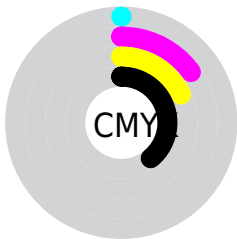
Distribution



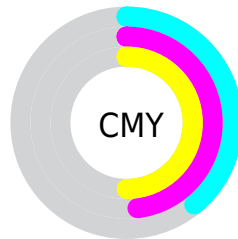
- Red (61%)
- Green (52%)
- Blue (50%)



- Red (61%)
- Yellow (52%)
- Blue (50%)



- Cyan (0%)
- Magenta (15%)
- Yellow (18%)
- Black (39%)



- Cyan (39%)
- Magenta (48%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 9.886, 36.898 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, 9.886, 36.898 by changing the saturation by 10% instead.

 57, 9.886, 36.898  57, 9.886, 36.898

 100, 9.886, 36.898  47, 9.886, 36.898

 77, 9.886, 36.898  37, 9.886, 36.898

 87, 9.886, 36.898  27, 9.886, 36.898

 97, 9.886, 36.898  17, 9.886, 36.898

 7, 9.886, 36.898

 0, 9.886, 36.898

 57, 9.886, 36.898  57, 9.886, 36.898

 53, 15.994, 37.049  61, 4.243, 36.854

 50, 22.593, 37.344  65, 0.969, 217.531

46, 29.685, 37.840

69, 5.793, 217.318

43, 37.233, 38.574

72, 10.271,
217.512

40, 45.130, 39.562

76, 14.443,
217.765

38, 53.145, 40.749

35, 60.770, 41.902

80, 18.347,
218.051

34, 67.291, 42.794

84, 22.016,
218.355

33, 68.494, 43.061

88, 25.478,
218.671

92, 28.161,
207.076

Harmonies

Complementary

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



57, 9.886, 36.898



60, 8.795, 217.506

Rectangle

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



57, 9.886, 36.898



57, 9.886, 86.898



57, 9.886, 216.898



57, 9.886, 266.898

Sweetspot

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



57, 9.885, 36.909



79, 3.214, 36.811



56, 17.175, 330.458



42, 2.216, 36.826



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 9.885, 36.909



71, 15.173, 36.954



61, 11.145, 88.885



30, 2.952, 36.861



30, 63.199, 42.927



1, 3.091, 36.691

Inverse Universe

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



60, 8.795, 217.506



76, 13.086, 217.668



57, 11.106, 273.605



31, 2.789, 217.294



45, 27.930, 230.048



2, 3.061, 218.589

Previews

White Background



This preview shows how the CIELCh color 57, 9.886, 36.898 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, 9.886, 36.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

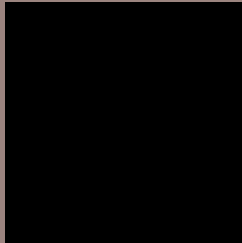
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 9.886, 36.898

Background



This preview shows how black text looks on a background with the CIELCh color 57, 9.886, 36.898.



This preview shows how white text looks on a background with the CIELCh color 57, 9.886, 36.898.

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, 9.886, 36.898

Protanopia

57, 4.446, 82.779

Deuteranopia

57, 9.483, 37.590



Tritanopia
57, 11.786, 351.899

Trichromacy



Original Color
57, 9.886, 36.898

Protanomaly
57, 5.944, 54.695

Deuteranomaly
57, 9.483, 37.590

Tritanomaly
57, 10.311, 7.808

Monochromacy



Original Color
57, 9.886, 36.898

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 3.377, 39.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 9.886, 36.898 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(155, 132, 127)` looks like.

```
.text, #text, p{  
    color:rgb(155, 132, 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(155, 132, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 132, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 9.886, 36.898 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(155, 132, 127) }
```

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

```
.border{ border-color:rgb(155, 132, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 132, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 132, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 132, 127);  
box-shadow:4px 4px 4px 4px rgb(155, 132,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 9.886, 36.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 132, 127) }
```

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

```
.background{ background-color: rgb(155,  
132, 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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