

Converting Colors

CIELCh(57, 9.068, 55.403)

Have a look what the booklet for
CIELCh(57, 9.068, 55.403) contains.

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Color

CIELCh(57, 9.038, 54.308)

Conversions

Conversions Part 1

Format	Color
Hex	97857C
RGB	151, 133, 124
RGB Percent	59%, 52%, 49%
CMY	0.4067, 0.4773, 0.5126
CMYK	0.00, 0.12, 0.18, 0.41
HSL	20°, 12%, 54%
HSV	20°, 18%, 59%
XYZ	24.8992, 24.9227, 22.6602
YIQ	137.3560, 13.6170, 1.0170

Conversions

Conversions Part 2

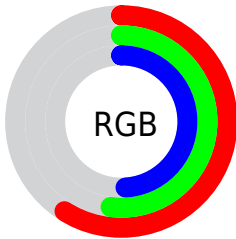
Format	Color
R_{YB}	151, 138, 124
Decimal	9930108
CIE Lab	57.00, 5.27, 7.34
CIE LCh	57, 9.038, 54.308
Yxy	24.9227, 0.3435, 0.3438
Android (android.graphics.Color)	4288120188 (0xFF97857C)
YUV	137.3560, -6.5845, 11.9658
Hunter-Lab	49.9226, 1.6635, 8.0337

Details

The CIELCh color $57, 9.038, 54.308$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 8.249, 237.454$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 9.061, 55.908$, and $37, 9.198, 56.948$ is the 20% darker color. If you saturate the color by 10%, you get $54, 14.615, 53.648$, and if you desaturate by 10%, it is $60, 3.838, 55.002$.

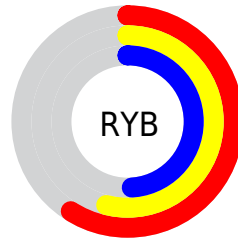
Distribution



Red (59%)

Green (52%)

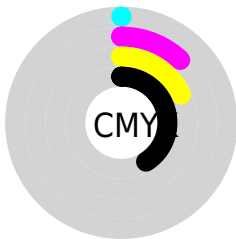
Blue (49%)



Red (59%)

Yellow (54%)

Blue (49%)

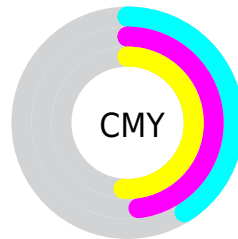


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (41%)



Cyan (41%)

Magenta (48%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 9.038, 54.308 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, 9.038, 54.308 by changing the saturation by 10% instead.

 57, 9.038, 54.308  57, 9.038, 54.308

 100, 9.038, 54.308  47, 9.038, 54.308

 77, 9.038, 54.308  37, 9.038, 54.308

 87, 9.038, 54.308  27, 9.038, 54.308

 97, 9.038, 54.308  17, 9.038, 54.308

 7, 9.038, 54.308

 0, 9.038, 54.308

 57, 9.038, 54.308  57, 9.038, 54.308

 54, 14.615, 53.648  60, 3.838, 55.002

 51, 20.598, 53.034  63, 1.019, 236.269

48, 27.000, 52.500

66, 5.570, 236.746

45, 33.806, 52.053

70, 9.850, 237.518

43, 40.935, 51.674

73, 13.891,
238.307

40, 48.185, 51.286

76, 17.721,
239.093

38, 55.098, 50.681

36, 61.139, 49.731

79, 21.369,
239.866

36, 62.536, 49.697

83, 24.854,
240.622

86, 26.705,
236.052

Harmonies

Complementary

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



57, 9.038, 54.308



58, 8.249, 237.454

Rectangle

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



57, 9.038, 54.308



57, 9.038, 104.308



57, 9.038, 234.308



57, 9.038, 284.308

Sweetspot

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



57, 9.038, 54.321



77, 2.992, 55.155



55, 14.802, 336.908



41, 2.062, 55.124



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 9.038, 54.321



71, 13.315, 54.076



61, 12.737, 100.386



31, 2.801, 54.913



33, 58.970, 49.894



2, 2.944, 55.009

Inverse Universe

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



58, 8.249, 237.454



73, 11.908, 237.872



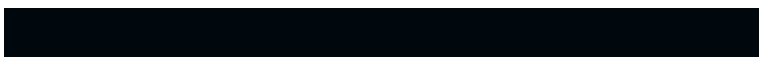
54, 13.040, 284.505



31, 2.680, 236.595



38, 32.786, 260.829



2, 2.948, 237.108

Previews

White Background



This preview shows how the CIELCh color 57, 9.038, 54.308 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, 9.038, 54.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

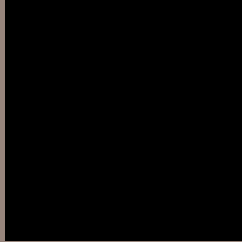
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 9.038, 54.308

Background



This preview shows how black text looks on a background with the CIELCh color 57, 9.038, 54.308.



This preview shows how white text looks on a background with the CIELCh color 57, 9.038, 54.308.

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, 9.038, 54.308

Protanopia

57, 6.173, 86.236

Deuteranopia

57, 10.327, 42.786



Tritanopia
57, 10.401, 347.395

Trichromacy



Original Color
57, 9.038, 54.308

Protanomaly
57, 6.998, 73.742

Deuteranomaly
57, 9.937, 43.690

Tritanomaly
57, 8.201, 8.273

Monochromacy



Original Color
57, 9.038, 54.308

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 3.261, 50.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 9.038, 54.308 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(151, 133, 124)` looks like.

```
.text, #text, p{  
    color:rgb(151, 133, 124)  
}
```

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(151, 133, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 133, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 9.038, 54.308 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(151, 133, 124) }
```

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

```
.border{ border-color:rgb(151, 133, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 133, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 133, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 133, 124);  
box-shadow:4px 4px 4px 4px rgb(151, 133,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 9.038, 54.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 133, 124) }
```

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

```
.background{ background-color: rgb(151,  
133, 124) }
```

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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