

Converting Colors

CIELCh(57, 11.782, 37.117)

Have a look what the booklet for
CIELCh(57, 11.782, 37.117) contains.

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Color

CIELCh(57, 11.722, 37.260)

Conversions

Conversions Part 1

Format	Color
Hex	9E837D
RGB	158, 131, 125
RGB Percent	62%, 51%, 49%
CMY	0.3810, 0.4868, 0.5104
CMYK	0.00, 0.17, 0.21, 0.38
HSL	11°, 15%, 55%
HSV	11°, 21%, 62%
XYZ	25.8584, 24.9227, 22.8001
YIQ	138.3890, 18.0180, 3.8580

Conversions

Conversions Part 2

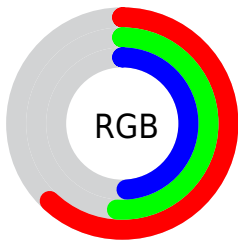
Format	Color
R_{YB}	158, 132, 125
Decimal	10388349
CIE _{Lab}	57.00, 9.33, 7.10
CIE _{LCh}	57, 11.722, 37.260
Yxy	24.9227, 0.3514, 0.3387
Android (android.graphics.Color)	4288578429 (0xFF9E837D)
YUV	138.3890, -6.6008, 17.1988
Hunter-Lab	49.9226, 5.0930, 7.8675

Details

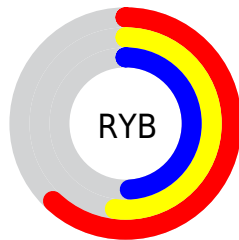
The CIELCh color $57, 11.722, 37.260$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 10.222, 218.008$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 11.644, 36.140$, and $37, 11.622, 39.186$ is the 20% darker color. If you saturate the color by 10%, you get $53, 18.055, 37.431$, and if you desaturate by 10%, it is $61, 5.869, 37.220$.

Distribution



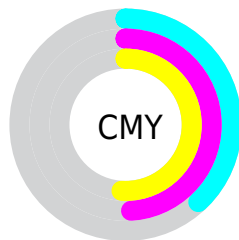
- Red (62%)
- Green (51%)
- Blue (49%)



- Red (62%)
- Yellow (52%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (38%)



- Cyan (38%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 11.722, 37.260 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, 11.722, 37.260 by changing the saturation by 10% instead.

■ 57, 11.722, 37.260

■ 57, 11.722, 37.260

■ 100, 11.722,
37.260

■ 47, 11.722, 37.260

■ 77, 11.722, 37.260

■ 37, 11.722, 37.260

■ 87, 11.722, 37.260

■ 27, 11.722, 37.260

■ 97, 11.722, 37.260

■ 17, 11.722, 37.260

■ 7, 11.722, 37.260

■ 0, 11.722, 37.260

■ 57, 11.722, 37.260

■ 57, 11.722, 37.260

■ 53, 18.055, 37.431

■ 61, 5.869, 37.220

■ 50, 24.892, 37.759

■ 65, 0.465, 36.404

46, 32.225, 38.299

69, 4.533, 217.664

43, 39.999, 39.081

73, 9.169, 217.841

40, 48.082, 40.108

77, 13.484,
218.095

38, 56.175, 41.285

81, 17.516,
218.385

36, 63.630, 42.296

34, 69.484, 43.164

85, 21.301,
218.696

89, 24.869,
219.021

92, 27.605,
206.353

Harmonies

Complementary

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



57, 11.722, 37.260



61, 10.222, 218.008

Rectangle

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



57, 11.722, 37.260



57, 11.722, 87.260



57, 11.722, 217.260



57, 11.722, 267.260

Sweetspot

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



57, 11.721, 37.270



79, 3.905, 37.189



56, 20.186, 330.636



41, 2.590, 37.197



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, 11.721, 37.270



70, 17.604, 37.326



61, 13.129, 88.524



31, 3.028, 37.214



31, 64.073, 43.070



1, 3.853, 36.336

Inverse Universe

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



61, 10.222, 218.008



76, 14.845, 218.212



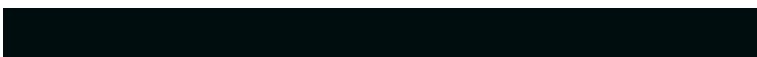
56, 13.071, 274.056



32, 2.860, 217.675



45, 28.316, 230.802



3, 3.766, 220.991

Previews

White Background



This preview shows how the CIELCh color 57, 11.722, 37.260 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, 11.722, 37.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

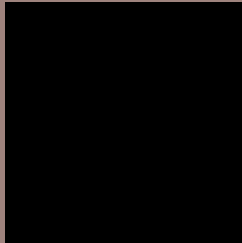
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 11.722, 37.260

Background



This preview shows how black text looks on a background with the CIELCh color 57, 11.722, 37.260.



This preview shows how white text looks on a background with the CIELCh color 57, 11.722, 37.260.

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, 11.722, 37.260

Protanopia

57, 5.140, 81.483

Deuteranopia

57, 10.327, 42.786



Tritanopia
57, 13.603, 356.302

Trichromacy



Original Color
57, 11.722, 37.260

Protanomaly
57, 6.963, 54.566

Deuteranomaly
57, 10.720, 41.949

Tritanomaly
57, 11.938, 9.766

Monochromacy



Original Color
57, 11.722, 37.260

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.153, 35.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 11.722, 37.260 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(158, 131, 125)` looks like.

```
.text, #text, p{  
    color:rgb(158, 131, 125)  
}
```

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(158, 131, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 131, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 11.722, 37.260 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(158, 131, 125) }
```

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

```
.border{ border-color:rgb(158, 131, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 131, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 131, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 131, 125);  
box-shadow:4px 4px 4px 4px rgb(158, 131,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 11.722, 37.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 131, 125) }
```

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

```
.background{ background-color: rgb(158,  
131, 125) }
```

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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