

Converting Colors

CIELCh(57, 12.555, 53.714)

Have a look what the booklet for
CIELCh(57, 12.555, 53.714) contains.

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Color

CIELCh(57, 12.566, 52.885)

Conversions

Conversions Part 1

Format	Color
Hex	9D8478
RGB	157, 132, 120
RGB Percent	62%, 52%, 47%
CMY	0.3854, 0.4834, 0.5304
CMYK	0.00, 0.16, 0.24, 0.39
HSL	19°, 16%, 54%
HSV	19°, 24%, 61%
XYZ	25.4424, 24.9227, 21.1575
YIQ	138.1070, 18.7520, 1.5680

Conversions

Conversions Part 2

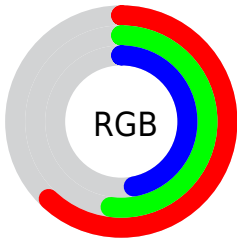
Format	Color
RYB	157, 138, 120
Decimal	10323064
CIELab	57.00, 7.58, 10.02
CIElCh	57, 12.566, 52.885
Yxy	24.9227, 0.3557, 0.3485
Android (android.graphics.Color)	4288513144 (0xFF9D8478)
YUV	138.1070, -8.9268, 16.5692
Hunter-Lab	49.9226, 3.6055, 9.8184

Details

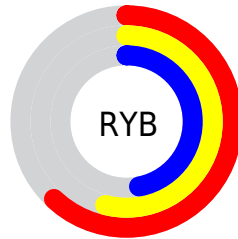
The CIELCh color $57, 12.566, 52.885$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 11.060, 236.949$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 12.648, 53.238$, and $37, 12.331, 53.481$ is the 20% darker color. If you saturate the color by 10%, you get $54, 18.562, 52.297$, and if you desaturate by 10%, it is $60, 6.983, 53.544$.

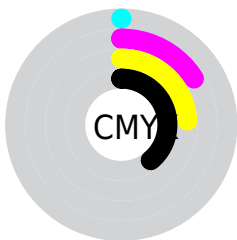
Distribution



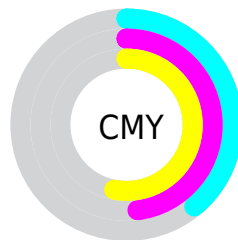
- Red (62%)
- Green (52%)
- Blue (47%)



- Red (62%)
- Yellow (54%)
- Blue (47%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (39%)



- Cyan (39%)
- Magenta (48%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 12.566, 52.885 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, 12.566, 52.885 by changing the saturation by 10% instead.

■ 57, 12.566, 52.885

■ 57, 12.566, 52.885

■ 100, 12.566,
52.885

■ 47, 12.566, 52.885

■ 77, 12.566, 52.885

■ 37, 12.566, 52.885

■ 87, 12.566, 52.885

■ 27, 12.566, 52.885

■ 97, 12.566, 52.885

■ 17, 12.566, 52.885

■ 7, 12.566, 52.885

■ 0, 12.566, 52.885

■ 57, 12.566, 52.885

■ 57, 12.566, 52.885

■ 54, 18.562, 52.297

■ 60, 6.983, 53.544

■ 51, 24.995, 51.777

■ 63, 1.782, 54.095

48, 31.864, 51.351

67, 3.077, 235.213

45, 39.119, 51.015

70, 7.630, 235.905

43, 46.615, 50.720

73, 11.914,
236.664

40, 54.005, 50.324

77, 15.961,
237.430

38, 60.566, 49.489

37, 64.560, 49.102

80, 19.800,
238.191

83, 23.458,
238.938

87, 25.444,
233.681

Harmonies

Complementary

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



57, 12.566, 52.885



59, 11.060, 236.949

Rectangle

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



57, 12.566, 52.885



57, 12.566, 102.885



57, 12.566, 232.885



57, 12.566, 282.885

Sweetspot

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



57, 12.566, 52.895



79, 4.354, 53.950



55, 20.418, 336.626



41, 2.828, 53.920



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, 12.566, 52.895



71, 18.820, 52.590



62, 17.059, 98.750



32, 2.879, 53.824



34, 60.091, 49.354



2, 3.664, 52.508

Inverse Universe

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



59, 11.060, 236.949



73, 16.069, 237.604



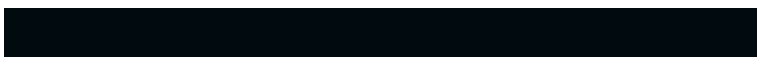
53, 17.558, 284.434



32, 2.751, 235.450



39, 32.746, 259.370



2, 3.674, 238.917

Previews

White Background



This preview shows how the CIELCh color 57, 12.566, 52.885 looks on a white background.

Color Contrast Check

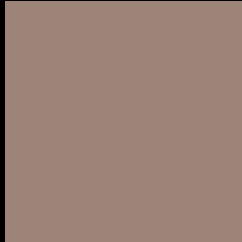
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.566, 52.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

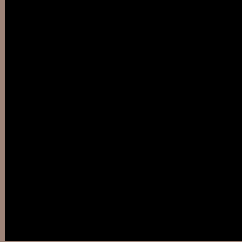
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 12.566, 52.885

Background



This preview shows how black text looks on a background with the CIELCh color 57, 12.566, 52.885.



This preview shows how white text looks on a background with the CIELCh color 57, 12.566, 52.885.

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, 12.566, 52.885

Protanopia

57, 8.855, 92.994

Deuteranopia

57, 12.206, 53.949



Tritanopia
57, 13.236, 355.513

Trichromacy



Original Color
57, 12.566, 52.885

Protanomaly
57, 9.617, 75.155

Deuteranomaly
57, 12.206, 53.949

Tritanomaly
57, 11.429, 14.933

Monochromacy



Original Color
57, 12.566, 52.885

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.590, 57.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 12.566, 52.885 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(157, 132, 120)` looks like.

```
.text, #text, p{  
    color:rgb(157, 132, 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(157, 132, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 132, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 12.566, 52.885 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(157, 132, 120) }
```

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

```
.border{ border-color:rgb(157, 132, 120) }
```

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

Here you see how a box with a 4 pixel rgb(157, 132, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 132, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 132, 120);  
box-shadow:4px 4px 4px 4px rgb(157, 132,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 12.566, 52.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 132, 120) }
```

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

```
.background{ background-color: rgb(157,  
132, 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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