

Converting Colors

CIELCh(57, 11.117, 35.229)

Have a look what the booklet for
CIELCh(57, 11.117, 35.229) contains.

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Color

CIELCh(57, 11.123, 35.141)

Conversions

Conversions Part 1

Format	Color
Hex	9D837E
RGB	157, 131, 126
RGB Percent	62%, 51%, 49%
CMY	0.3842, 0.4861, 0.5057
CMYK	0.00, 0.17, 0.20, 0.38
HSL	10°, 14%, 56%
HSV	10°, 20%, 62%
XYZ	25.8025, 24.9227, 23.2025
YIQ	138.2040, 17.1010, 3.9570

Conversions

Conversions Part 2

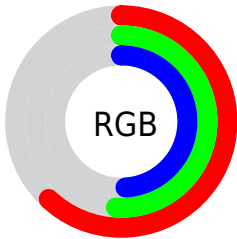
Format	Color
R_{YB}	157, 132, 126
Decimal	10322814
CIE _{Lab}	57.00, 9.10, 6.40
CIE _{LCh}	57, 11.123, 35.141
Yxy	24.9227, 0.3490, 0.3371
Android (android.graphics.Color)	4288512894 (0xFF9D837E)
YUV	138.2040, -6.0166, 16.4841
Hunter-Lab	49.9226, 4.8930, 7.3896

Details

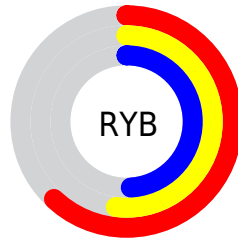
The CIELCh color $57, 11.123, 35.141$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 9.768, 215.461$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 11.100, 34.075$, and $37, 10.939, 36.992$ is the 20% darker color. If you saturate the color by 10%, you get $53, 17.459, 35.408$, and if you desaturate by 10%, it is $61, 5.269, 35.006$.

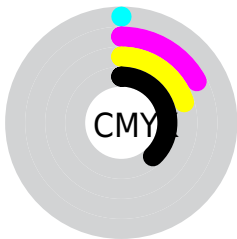
Distribution



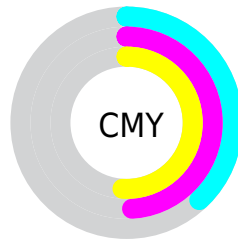
- Red (62%)
- Green (51%)
- Blue (49%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 11.123, 35.141 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, 11.123, 35.141 by changing the saturation by 10% instead.

■ 57, 11.123, 35.141

■ 57, 11.123, 35.141

■ 100, 11.123,
35.141

■ 47, 11.123, 35.141

■ 77, 11.123, 35.141

■ 37, 11.123, 35.141

■ 87, 11.123, 35.141

■ 27, 11.123, 35.141

■ 97, 11.123, 35.141

■ 17, 11.123, 35.141

■ 7, 11.123, 35.141

■ 0, 11.123, 35.141

■ 57, 11.123, 35.141

■ 57, 11.123, 35.141

■ 53, 17.459, 35.408

■ 61, 5.269, 35.006

■ 50, 24.298, 35.841

■ 65, 0.136, 218.481

46, 31.631, 36.498

69, 5.133, 215.286

43, 39.405, 37.422

73, 9.767, 215.397

40, 47.489, 38.622

77, 14.078,
215.580

37, 55.607, 40.028

81, 18.106,
215.800

35, 63.166, 41.352

34, 69.559, 42.523

85, 21.885,
216.045

34, 69.720, 42.566

89, 25.446,
216.305

93, 28.478,
203.373

Harmonies

Complementary

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



57, 11.123, 35.141



61, 9.768, 215.461

Rectangle

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



57, 11.123, 35.141



57, 11.123, 85.141



57, 11.123, 215.141



57, 11.123, 265.141

Sweetspot

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



57, 11.122, 35.151



79, 3.958, 34.945



56, 19.202, 329.997



41, 2.625, 34.958



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, 11.122, 35.151



70, 17.061, 35.254



61, 12.146, 87.299



31, 3.069, 35.000



30, 64.538, 42.427



1, 3.904, 34.179

Inverse Universe

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



61, 9.768, 215.461



77, 14.474, 215.606



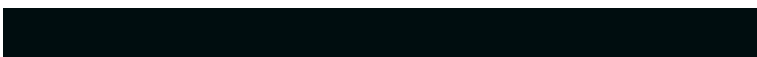
57, 12.050, 272.536



33, 2.897, 215.286



46, 28.277, 226.417



3, 3.812, 218.374

Previews

White Background



This preview shows how the CIELCh color 57, 11.123, 35.141 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, 11.123, 35.141 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, 11.123, 35.141

Background



This preview shows how black text looks on a background with the CIELCh color 57, 11.123, 35.141.



This preview shows how white text looks on a background with the CIELCh color 57, 11.123, 35.141.

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, 11.123, 35.141

Protanopia

57, 4.446, 82.779

Deuteranopia

57, 9.696, 40.713



Tritanopia
57, 13.236, 355.513

Trichromacy



Original Color
57, 11.123, 35.141

Protanomaly
57, 6.288, 52.563

Deuteranomaly
57, 10.092, 39.908

Tritanomaly
57, 11.533, 9.325

Monochromacy



Original Color
57, 11.123, 35.141

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.027, 27.802

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 57, 11.123, 35.141 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, 131, 126)` looks like.

```
.text, #text, p{  
    color:rgb(157, 131, 126)  
}
```

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, 131, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 131, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 11.123, 35.141 is called "border". The border property can be set on classes, ids or directly on the HTML element.

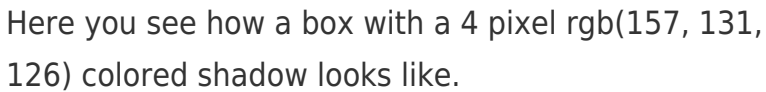
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 131, 126) }
```

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

```
.border{ border-color:rgb(157, 131, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 131, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 131, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 131, 126); box-shadow:4px 4px 4px 4px rgb(157, 131, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 11.123, 35.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 131, 126) }
```

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

```
.background{ background-color: rgb(157,  
131, 126) }
```

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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