

Converting Colors

CIELCh(57, 6.328, 60.676)

Have a look what the booklet for
CIELCh(57, 6.328, 60.676) contains.

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Color

CIELCh(57, 6.377, 65.012)

Conversions

Conversions Part 1

Format	Color
Hex	92877F
RGB	146, 135, 127
RGB Percent	57%, 53%, 50%
CMY	0.4279, 0.4711, 0.5024
CMYK	0.00, 0.08, 0.13, 0.43
HSL	25°, 8%, 53%
HSV	25°, 13%, 57%
XYZ	24.3019, 24.9227, 23.5670
YIQ	137.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

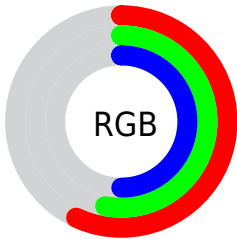
Format	Color
R_{YB}	146, 141, 127
Decimal	9602943
CIE Lab	57.00, 2.69, 5.78
CIE LCh	57, 6.377, 65.012
Yxy	24.9227, 0.3339, 0.3424
Android (android.graphics.Color)	4287793023 (0xFF92877F)
YUV	137.3770, -5.1159, 7.5624
Hunter-Lab	49.9226, -0.4724, 6.9568

Details

The CIELCh color $57, 6.377, 65.012$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 6.081, 248.018$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 6.240, 62.815$, and $37, 6.217, 63.533$ is the 20% darker color. If you saturate the color by 10%, you get $54, 11.610, 64.015$, and if you desaturate by 10%, it is $60, 1.436, 65.890$.

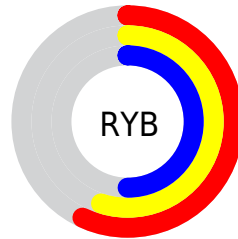
Distribution



Red (57%)

Green (53%)

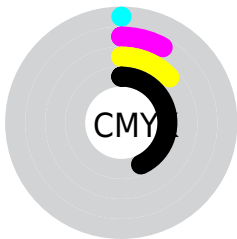
Blue (50%)



Red (57%)

Yellow (55%)

Blue (50%)

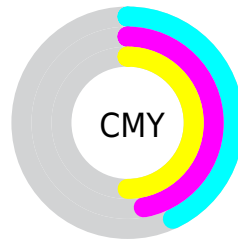


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (43%)



Cyan (43%)

Magenta (47%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 6.377, 65.012 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, 6.377, 65.012 by changing the saturation by 10% instead.

 57, 6.377, 65.012  57, 6.377, 65.012

 100, 6.377, 65.012  47, 6.377, 65.012

 77, 6.377, 65.012  37, 6.377, 65.012

 87, 6.377, 65.012  27, 6.377, 65.012

 97, 6.377, 65.012  17, 6.377, 65.012

 7, 6.377, 65.012

 0, 6.377, 65.012

 57, 6.377, 65.012  57, 6.377, 65.012

 54, 11.610, 64.015  60, 1.436, 65.890

 52, 17.157, 63.004  62, 3.243, 247.270

49, 23.033, 62.013

65, 7.686, 248.236

47, 29.229, 61.048

68, 11.922,
249.226

44, 35.693, 60.095

71, 15.974,
250.198

42, 42.282, 59.103

40, 48.683, 57.942

73, 19.865,
251.142

38, 54.286, 56.341

76, 23.614,
252.055

37, 58.043, 55.336

79, 27.238,
252.934

82, 29.563,
251.391

Harmonies

Complementary

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



57, 6.377, 65.012



57, 6.081, 248.018

Rectangle

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



57, 6.377, 65.012



57, 6.377, 115.012



57, 6.377, 245.012



57, 6.377, 295.012

Sweetspot

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



57, 6.377, 65.029



75, 2.353, 65.841



55, 9.854, 340.376



39, 1.670, 65.795



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



57, 6.377, 65.029



71, 9.759, 64.696



60, 9.811, 105.287



30, 2.767, 65.404



35, 55.572, 55.548



1, 2.367, 66.434

Inverse Universe

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



57, 6.081, 248.018



71, 9.179, 248.455



54, 10.048, 288.026



30, 2.679, 247.557



33, 38.125, 273.878



1, 2.368, 246.449

Previews

White Background



This preview shows how the CIELCh color 57, 6.377, 65.012 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, 6.377, 65.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

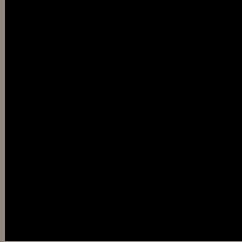
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 6.377, 65.012

Background



This preview shows how black text looks on a background with the CIELCh color 57, 6.377, 65.012.



This preview shows how white text looks on a background with the CIELCh color 57, 6.377, 65.012.

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, 6.377, 65.012

Protanopia

57, 4.963, 85.635

Deuteranopia

57, 9.483, 37.590



Tritanopia
57, 8.892, 335.494

Trichromacy



Original Color
57, 6.377, 65.012

Protanomaly
57, 5.344, 77.622

Deuteranomaly
57, 8.128, 44.742

Tritanomaly
57, 6.016, 357.777

Monochromacy



Original Color
57, 6.377, 65.012

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 2.319, 66.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 6.377, 65.012 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(146, 135, 127)` looks like.

```
.text, #text, p{  
    color:rgb(146, 135, 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(146, 135, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 135, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 6.377, 65.012 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(146, 135, 127) }
```

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

```
.border{ border-color:rgb(146, 135, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 135, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 135, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 135, 127);  
box-shadow:4px 4px 4px 4px rgb(146, 135,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 6.377, 65.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 135, 127) }
```

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

```
.background{ background-color: rgb(146,  
135, 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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