

Converting Colors

CIELCh(57, 5.788, 61.361)

Have a look what the booklet for
CIELCh(57, 5.788, 61.361) contains.

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Color

CIELCh(57, 5.975, 61.313)

Conversions

Conversions Part 1

Format	Color
Hex	928780
RGB	146, 135, 128
RGB Percent	57%, 53%, 50%
CMY	0.4282, 0.4713, 0.4988
CMYK	0.00, 0.08, 0.12, 0.43
HSL	23°, 8%, 54%
HSV	23°, 12%, 57%
XYZ	24.3419, 24.9227, 23.8854
YIQ	137.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

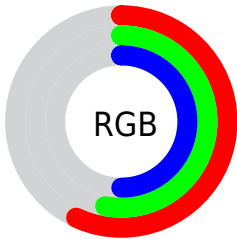
Format	Color
R _Y B	146, 139, 128
Decimal	9602944
CIE Lab	57.00, 2.87, 5.24
CIE LCh	57, 5.975, 61.313
Yxy	24.9227, 0.3328, 0.3407
Android (android.graphics.Color)	4287793024 (0xFF928780)
YUV	137.4910, -4.6791, 7.4624
Hunter-Lab	49.9226, -0.3291, 6.5786

Details

The CIELCh color $57, 5.975, 61.313$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 5.678, 243.960$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 5.880, 59.096$, and $37, 5.790, 59.345$ is the 20% darker color. If you saturate the color by 10%, you get $54, 11.165, 60.423$, and if you desaturate by 10%, it is $60, 1.096, 62.019$.

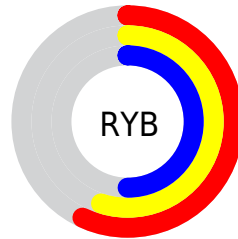
Distribution



Red (57%)

Green (53%)

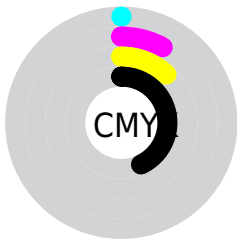
Blue (50%)



Red (57%)

Yellow (55%)

Blue (50%)

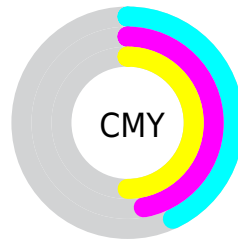


Cyan (0%)

Magenta (8%)

Yellow (12%)

Black (43%)



Cyan (43%)

Magenta (47%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 5.975, 61.313 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, 5.975, 61.313 by changing the saturation by 10% instead.

■ 57, 5.975, 61.313 ■ 57, 5.975, 61.313

■ 100, 5.975, 61.313 ■ 47, 5.975, 61.313

■ 77, 5.975, 61.313 ■ 37, 5.975, 61.313

■ 87, 5.975, 61.313 ■ 27, 5.975, 61.313

■ 97, 5.975, 61.313 ■ 17, 5.975, 61.313

■ 7, 5.975, 61.313

■ 0, 5.975, 61.313

■ 57, 5.975, 61.313 ■ 57, 5.975, 61.313

■ 54, 11.165, 60.423 ■ 60, 1.096, 62.019

■ 52, 16.693, 59.528 ■ 63, 3.502, 243.407

49, 22.578, 58.671

66, 7.852, 244.306

46, 28.818, 57.859

68, 11.981,
245.232

44, 35.370, 57.083

71, 15.915,
246.148

42, 42.109, 56.301

39, 48.743, 55.387

74, 19.680,
247.042

37, 54.685, 54.072

77, 23.294,
247.910

36, 59.000, 53.161

80, 26.777,
248.749

83, 28.761,
246.220

Harmonies

Complementary

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



57, 5.975, 61.313



57, 5.678, 243.960

Rectangle

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



57, 5.975, 61.313



57, 5.975, 111.313



57, 5.975, 241.313



57, 5.975, 291.313

Sweetspot

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



57, 5.975, 61.331



75, 2.327, 61.993



55, 9.549, 338.733



39, 1.652, 61.954



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, 5.975, 61.331



71, 9.046, 61.064



59, 8.983, 103.703



30, 2.740, 61.607



34, 56.491, 53.361



1, 2.339, 62.561

Inverse Universe

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



57, 5.678, 243.960



71, 8.479, 244.318



55, 9.168, 286.365



30, 2.641, 243.613



34, 35.795, 269.474



1, 2.340, 242.578

Previews

White Background



This preview shows how the CIELCh color 57, 5.975, 61.313 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, 5.975, 61.313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

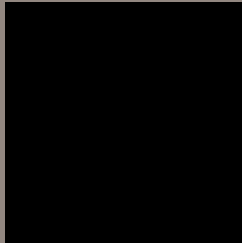
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

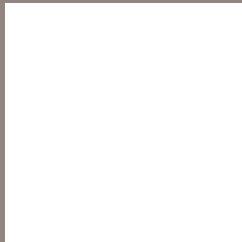
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 5.975, 61.313

Background



This preview shows how black text looks on a background with the CIELCh color 57, 5.975, 61.313.



This preview shows how white text looks on a background with the CIELCh color 57, 5.975, 61.313.

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, 5.975, 61.313

Protanopia

57, 4.446, 82.779

Deuteranopia

57, 8.895, 34.950



Tritanopia
57, 8.209, 336.329

Trichromacy



Original Color
57, 5.975, 61.313

Protanomaly
57, 4.866, 74.206

Deuteranomaly
57, 7.498, 42.202

Tritanomaly
57, 5.444, 1.673

Monochromacy



Original Color
57, 5.975, 61.313

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 1.940, 55.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 5.975, 61.313 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(146, 135, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 135, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 5.975, 61.313 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, 128) }
```

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

```
.border{ border-color:rgb(146, 135, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 135, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 135, 128);  
box-shadow:4px 4px 4px 4px rgb(146, 135,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 5.975, 61.313 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, 128) }
```

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

```
.background{ background-color: rgb(146,  
135, 128) }
```

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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