

Converting Colors

CIELCh(57, 9.527, 322.015)

Have a look what the booklet for
CIELCh(57, 9.527, 322.015) contains.

CIELCh(57, 9.479, 322.955)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(57, 9.479, 322.955)

Conversions

Conversions Part 1

Format	Color
Hex	928593
RGB	146, 133, 147
RGB Percent	57%, 52%, 58%
CMY	0.4281, 0.4791, 0.4242
CMYK	0.01, 0.10, 0.00, 0.42
HSL	296°, 6%, 55%
HSV	296°, 10%, 58%
XYZ	25.4384, 24.9227, 31.0004
YIQ	138.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

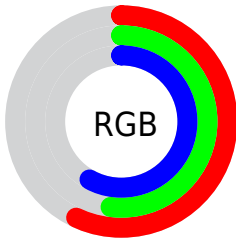
Format	Color
R_{YB}	146, 133, 147
Decimal	9602451
CIE Lab	57.00, 7.57, -5.71
CIE LCh	57, 9.479, 322.955
Yxy	24.9227, 0.3127, 0.3063
Android (android.graphics.Color)	4287792531 (0xFF928593)
YUV	138.4830, 4.1989, 6.5924
Hunter-Lab	49.9226, 3.5913, -1.8714

Details

The CIELCh color $57, 9.479, 322.955$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 9.451, 142.035$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 9.587, 322.992$, and $37, 8.750, 322.740$ is the 20% darker color. If you saturate the color by 10%, you get $53, 19.520, 323.454$, and if you desaturate by 10%, it is $61, 0.454, 142.912$.

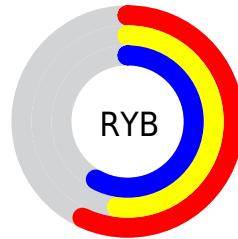
Distribution



Red (57%)

Green (52%)

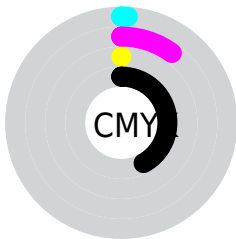
Blue (58%)



Red (57%)

Yellow (52%)

Blue (58%)

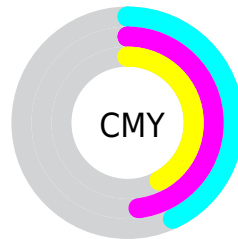


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (42%)



Cyan (43%)

Magenta (48%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 9.479, 322.955 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, 9.479, 322.955 by changing the saturation by 10% instead.

■ 57, 9.479, 322.955

■ 57, 9.479, 322.955

■ 100, 9.479,
322.955

■ 47, 9.479, 322.955

■ 77, 9.479, 322.955

■ 37, 9.479, 322.955

■ 87, 9.479, 322.955

■ 27, 9.479, 322.955

■ 97, 9.479, 322.955

■ 17, 9.479, 322.955

■ 7, 9.479, 322.955

■ 0, 9.479, 322.955

■ 57, 9.479, 322.955

■ 57, 9.479, 322.955

■ 53, 19.520,
323.454

■ 61, 0.454, 142.912

■ 65, 10.192,

49, 29.543,
323.938

142.034

46, 39.358,
324.395

69, 19.687,
141.569

42, 48.700,
324.808

74, 28.914,
141.132

39, 57.237,
325.156

78, 37.864,
140.722

37, 64.583,
325.414

82, 46.539,
140.338

35, 70.367,
325.561

86, 54.944,
139.981

34, 74.320,
325.580

91, 63.093,
139.651

33, 76.786,
325.496

92, 65.526,
139.399

Harmonies

Complementary

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



57, 9.479, 322.955



59, 9.451, 142.035

Rectangle

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



57, 9.479, 322.955



57, 9.479, 12.955



57, 9.479, 142.955



57, 9.479, 192.955

Sweetspot

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



57, 9.477, 322.955



76, 3.687, 322.596



56, 7.350, 287.620



40, 2.817, 322.646



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



57, 9.477, 322.955



72, 13.583, 323.041



57, 7.228, 340.091



29, 5.649, 322.938



30, 73.386, 325.508



1, 4.910, 322.507

Inverse Universe

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



57, 5.630, 14.138



71, 8.107, 14.295



60, 7.165, 158.740



29, 3.353, 14.109



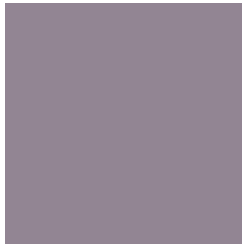
28, 62.843, 36.028



1, 2.847, 13.480

Previews

White Background



This preview shows how the CIELCh color 57, 9.479, 322.955 looks on a white background.

Color Contrast Check

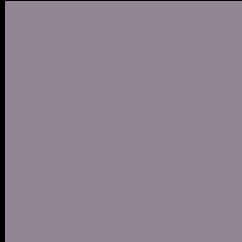
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.479, 322.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

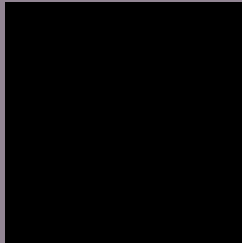
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 9.479, 322.955

Background



This preview shows how black text looks on a background with the CIELCh color 57, 9.479, 322.955.

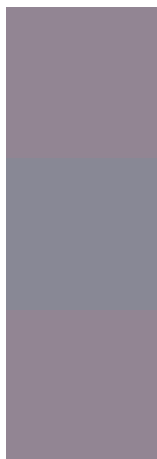


This preview shows how white text looks on a background with the CIELCh color 57, 9.479, 322.955.

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, 9.479, 322.955

Protanopia

57, 7.422, 291.052

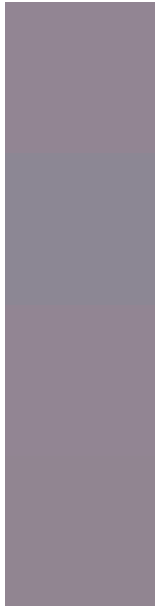
Deuteranopia

57, 9.479, 322.955



Tritanopia
57, 7.859, 327.203

Trichromacy



Original Color

57, 9.479, 322.955

Protanomaly

57, 7.693, 305.372

Deuteranomaly

57, 9.479, 322.955

Tritanomaly

57, 8.320, 324.857

Monochromacy



Original Color

57, 9.479, 322.955

Achromatopsia

57, 0.007, 296.813

Achromatomaly

57, 3.476, 324.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 9.479, 322.955 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, 133, 147)` looks like.

```
.text, #text, p{  
    color:rgb(146, 133, 147)  
}
```

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, 133, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 133, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 9.479, 322.955 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, 133, 147) }
```

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

```
.border{ border-color:rgb(146, 133, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 133, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 133, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 133, 147);  
box-shadow:4px 4px 4px 4px rgb(146, 133,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 9.479, 322.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 133, 147) }
```

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

```
.background{ background-color: rgb(146,  
133, 147) }
```

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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