

Converting Colors

CIELCh(57, 12.335, 317.353)

Have a look what the booklet for
CIELCh(57, 12.335, 317.353)
contains.

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Color

CIELCh(57, 12.152, 317.397)

Conversions

Conversions Part 1

Format	Color
Hex	928497
RGB	146, 132, 151
RGB Percent	57%, 52%, 59%
CMY	0.4267, 0.4816, 0.4071
CMYK	0.03, 0.13, 0.00, 0.41
HSL	284°, 8%, 56%
HSV	284°, 13%, 59%
XYZ	25.7664, 24.9227, 32.8125
YIQ	138.3520, 2.2450, 8.8770

Conversions

Conversions Part 2

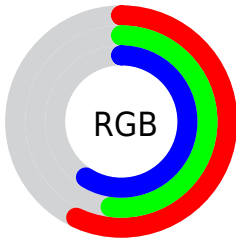
Format	Color
R_{YB}	146, 132, 151
Decimal	9602199
CIE _{Lab}	57.00, 8.94, -8.23
CIE _{LCh}	57, 12.152, 317.397
Yxy	24.9227, 0.3086, 0.2985
Android (android.graphics.Color)	4287792279 (0xFF928497)
YUV	138.3520, 6.2355, 6.7073
Hunter-Lab	49.9226, 4.7639, -4.0235

Details

The CIELCh color $57, 12.152, 317.397$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 12.047, 136.353$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 12.101, 317.693$, and $37, 11.655, 316.583$ is the 20% darker color. If you saturate the color by 10%, you get $53, 21.997, 317.828$, and if you desaturate by 10%, it is $61, 2.462, 316.930$.

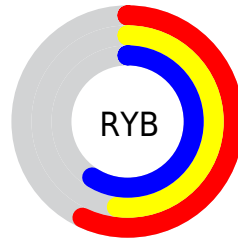
Distribution



Red (57%)

Green (52%)

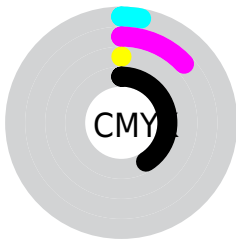
Blue (59%)



Red (57%)

Yellow (52%)

Blue (59%)

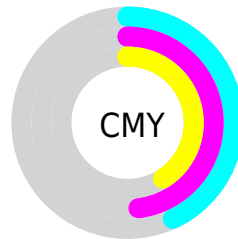


Cyan (3%)

Magenta (13%)

Yellow (0%)

Black (41%)



Cyan (43%)


Magenta (48%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 12.152, 317.397 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, 12.152, 317.397 by changing the saturation by 10% instead.


 57, 12.152,
317.397


 57, 12.152,
317.397


 100, 12.152,
317.397


 47, 12.152,
317.397


 77, 12.152,
317.397


 37, 12.152,
317.397

 87, 12.152,
317.397

 27, 12.152,
317.397

 97, 12.152,
317.397

 17, 12.152,
317.397

 7, 12.152, 317.397

 0, 12.152, 317.397

57, 12.152,
317.397

57, 12.152,
317.397

53, 21.997,
317.828

61, 2.462, 316.930

48, 31.904,
318.254

66, 7.011, 136.618

44, 41.715,
318.655

70, 16.238,
136.234

41, 51.195,
319.004

75, 25.206,
135.885

37, 60.014,
319.264

79, 33.913,
135.567

34, 67.748,
319.387

84, 42.366,
135.278


32, 73.931,
319.319

88, 50.572,
135.016

30, 78.167,

93, 58.543,
134.780

319.010

 93, 58.900,
133.775

 29, 80.486,
318.687

Harmonies

Complementary

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



57, 12.152, 317.397



61, 12.047, 136.353

Rectangle

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



57, 12.152, 317.397



57, 12.152, 7.397



57, 12.152, 137.397



57, 12.152, 187.397

Sweetspot

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



57, 12.150, 317.396



77, 4.749, 317.015



57, 8.128, 277.687



41, 3.403, 317.050



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 12.150, 317.396



71, 17.989, 317.514



57, 11.142, 332.487



30, 5.500, 317.251



26, 76.170, 318.744



1, 5.874, 316.501

Inverse Universe

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



57, 8.093, 359.708



71, 12.022, 0.005



61, 11.098, 150.910



30, 3.648, 359.353



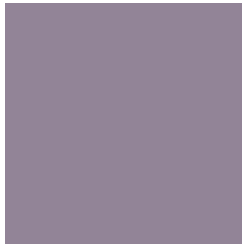
29, 56.789, 22.956



1, 3.859, 358.878

Previews

White Background



This preview shows how the CIELCh color 57, 12.152, 317.397 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 CIELCh color 57, 12.152, 317.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

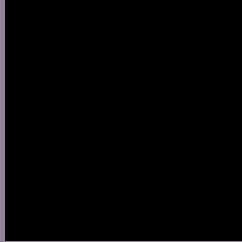
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 12.152, 317.397

Background



This preview shows how black text looks on a background with the CIELCh color 57, 12.152, 317.397.



This preview shows how white text looks on a background with the CIELCh color 57, 12.152, 317.397.

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, 12.152, 317.397

Protanopia

57, 10.286, 287.254

Deuteranopia

57, 11.153, 313.330



Tritanopia
57, 7.859, 327.203

Trichromacy



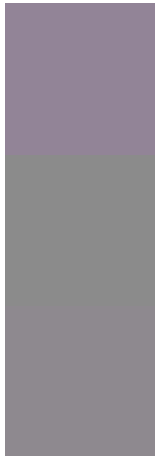
Original Color
57, 12.152, 317.397

Protanomaly
57, 10.362, 297.591

Deuteranomaly
57, 11.302, 315.142

Tritanomaly
57, 9.279, 320.902

Monochromacy



Original Color
57, 12.152, 317.397

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 3.954, 319.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 12.152, 317.397 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, 132, 151)` looks like.

```
.text, #text, p{  
    color:rgb(146, 132, 151)  
}
```

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, 132, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 132, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 12.152, 317.397 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, 132, 151) }
```

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

```
.border{ border-color:rgb(146, 132, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 132, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 132, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 132, 151);  
box-shadow:4px 4px 4px 4px rgb(146, 132,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 12.152, 317.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 132, 151) }
```

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

```
.background{ background-color: rgb(146,  
132, 151) }
```

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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