

Converting Colors

CIELCh(57, 21.225, 318.296)

Have a look what the booklet for
CIELCh(57, 21.225, 318.296)
contains.

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Color

CIELCh(57, 21.613, 317.717)

Conversions

Conversions Part 1

Format	Color
Hex	9980A2
RGB	153, 128, 162
RGB Percent	60%, 50%, 64%
CMY	0.3989, 0.4970, 0.3636
CMYK	0.06, 0.21, 0.00, 0.36
HSL	284°, 15%, 57%
HSV	284°, 21%, 64%
XYZ	27.4862, 24.9227, 37.6704
YIQ	139.3510, 3.9860, 15.8740

Conversions

Conversions Part 2

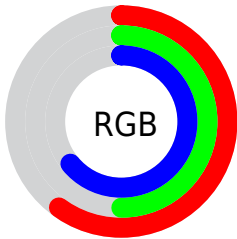
Format	Color
R_{YB}	153, 128, 162
Decimal	10059938
CIE _{Lab}	57.00, 15.99, -14.54
CIE _{LCh}	57, 21.613, 317.717
Yxy	24.9227, 0.3051, 0.2767
Android (android.graphics.Color)	4288250018 (0xFF9980A2)
YUV	139.3510, 11.1660, 11.9702
Hunter-Lab	49.9226, 10.9133, -9.7930

Details

The CIELCh color $57, 21.613, 317.717$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $64, 21.324, 135.883$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 21.684, 318.000$, and $37, 21.250, 318.192$ is the 20% darker color. If you saturate the color by 10%, you get $53, 32.104, 318.146$, and if you desaturate by 10%, it is $62, 11.203, 317.282$.

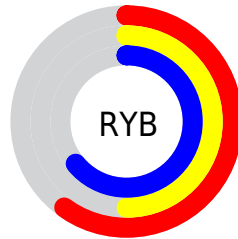
Distribution



Red (60%)

Green (50%)

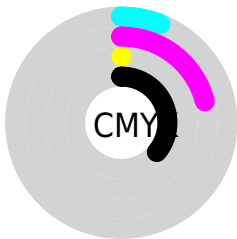
Blue (64%)



Red (60%)

Yellow (50%)

Blue (64%)

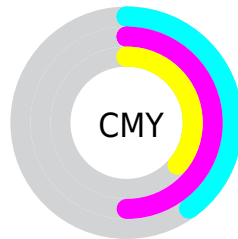


Cyan (6%)

Magenta (21%)

Yellow (0%)

Black (36%)



Cyan (40%)


Magenta (50%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 21.613, 317.717 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, 21.613, 317.717 by changing the saturation by 10% instead.


 57, 21.613,
317.717


 57, 21.613,
317.717


 100, 21.613,
317.717


 47, 21.613,
317.717


 77, 21.613,
317.717

 37, 21.613,
317.717

 87, 21.613,
317.717

 27, 21.613,
317.717

 97, 21.613,
317.717

 17, 21.613,
317.717

 7, 21.613, 317.717

 0, 21.613, 317.717

57, 21.613,
317.717

57, 21.613,
317.717

53, 32.104,
318.146

62, 11.203,
317.282

48, 42.524,
318.555

66, 0.976, 316.714

44, 52.633,
318.915

71, 9.015, 136.504

40, 62.093,
319.191

76, 18.739,
136.125

37, 70.460,
319.334

80, 28.188,
135.781

34, 77.234,
319.291

85, 37.359,
135.467


32, 81.972,
319.008

90, 46.260,
135.181

31, 84.818,

94, 53.138,
134.714

318.588

 94, 52.399,
133.326

Harmonies

Complementary

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



57, 21.613, 317.717



64, 21.324, 135.883

Rectangle

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



57, 21.613, 317.717



57, 21.613, 7.717



57, 21.613, 137.717



57, 21.613, 187.717

Sweetspot

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



57, 21.611, 317.717



81, 7.580, 317.067



57, 14.495, 278.924



43, 5.071, 317.095



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



57, 21.611, 317.717



70, 32.100, 317.912



58, 19.760, 333.056



32, 5.801, 317.208



27, 78.208, 318.667



1, 8.819, 315.109

Inverse Universe

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



57, 14.561, 0.559



71, 21.746, 1.120



64, 19.657, 150.247



32, 3.853, 359.254



30, 58.312, 23.028



1, 5.811, 0.265

Previews

White Background



This preview shows how the CIELCh color 57, 21.613, 317.717 looks on a white background.

Color Contrast Check

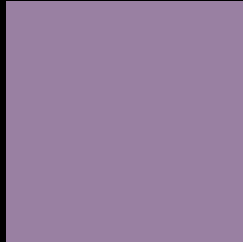
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.613, 317.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

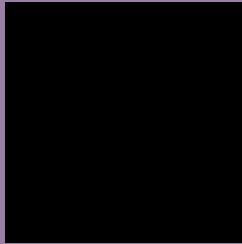
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 21.613, 317.717

Background



This preview shows how black text looks on a background with the CIELCh color 57, 21.613, 317.717.



This preview shows how white text looks on a background with the CIELCh color 57, 21.613, 317.717.

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, 21.613, 317.717

Protanopia

57, 17.756, 285.386

Deuteranopia

57, 15.525, 297.351



Tritanopia
57, 9.105, 341.675

Trichromacy



Original Color
57, 21.613, 317.717

Protanomaly
57, 18.421, 297.890

Deuteranomaly
57, 17.224, 306.915

Tritanomaly
57, 12.888, 328.001

Monochromacy



Original Color
57, 21.613, 317.717

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 7.698, 317.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 21.613, 317.717 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(153, 128, 162)` looks like.

```
.text, #text, p{  
    color:rgb(153, 128, 162)  
}
```

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(153, 128, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 128, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 21.613, 317.717 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(153, 128, 162) }
```

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

```
.border{ border-color:rgb(153, 128, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 128, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 128, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 128, 162);  
box-shadow:4px 4px 4px 4px rgb(153, 128,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 21.613, 317.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 128, 162) }
```

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

```
.background{ background-color: rgb(153,  
128, 162) }
```

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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