

Converting Colors

CIELCh(57, 20.318, 315.560)

Have a look what the booklet for
CIELCh(57, 20.318, 315.560)
contains.

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Color

CIELCh(57, 20.630, 315.511)

Conversions

Conversions Part 1

Format	Color
Hex	9781A2
RGB	151, 129, 162
RGB Percent	59%, 51%, 64%
CMY	0.4075, 0.4938, 0.3644
CMYK	0.07, 0.20, 0.00, 0.36
HSL	280°, 15%, 57%
HSV	280°, 20%, 64%
XYZ	27.1700, 24.9227, 37.6027
YIQ	139.3400, 2.5190, 14.9270

Conversions

Conversions Part 2

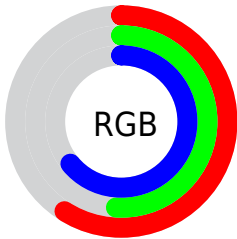
Format	Color
R_{YB}	151, 129, 162
Decimal	9929122
CIE _{Lab}	57.00, 14.72, -14.46
CIE _{LCh}	57, 20.630, 315.511
Yxy	24.9227, 0.3029, 0.2779
Android (android.graphics.Color)	4288119202 (0xFF9781A2)
YUV	139.3400, 11.1714, 10.2258
Hunter-Lab	49.9226, 9.7827, -9.7126

Details

The CIELCh color $57, 20.630, 315.511$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $64, 20.280, 133.781$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 20.598, 315.034$, and $37, 20.215, 315.769$ is the 20% darker color. If you saturate the color by 10%, you get $52, 31.001, 315.947$, and if you desaturate by 10%, it is $62, 10.391, 315.077$.

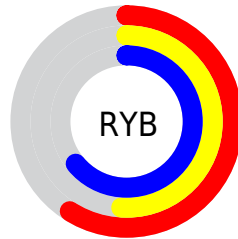
Distribution



Red (59%)

Green (51%)

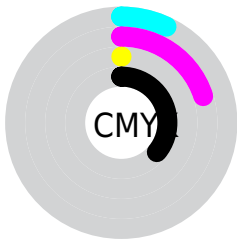
Blue (64%)



Red (59%)

Yellow (51%)

Blue (64%)

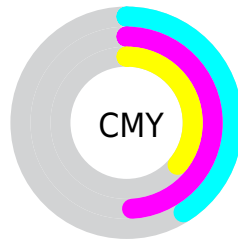


Cyan (7%)

Magenta (20%)

Yellow (0%)

Black (36%)



Cyan (41%)


Magenta (49%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 20.630, 315.511 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, 20.630, 315.511 by changing the saturation by 10% instead.


 57, 20.630,
315.511


 57, 20.630,
315.511


 100, 20.630,
315.511


 47, 20.630,
315.511


 77, 20.630,
315.511

 37, 20.630,
315.511

 87, 20.630,
315.511

 27, 20.630,
315.511

 97, 20.630,
315.511

 17, 20.630,
315.511

 7, 20.630, 315.511

 0, 20.630, 315.511

57, 20.630,
315.511

57, 20.630,
315.511

52, 31.001,
315.947

62, 10.391,
315.077

48, 41.378,
316.370

66, 0.364, 314.283

44, 51.551,
316.755

71, 9.410, 134.319

40, 61.208,
317.060

76, 18.912,
133.960

36, 69.919,
317.234

81, 28.139,
133.637

33, 77.156,
317.211

86, 37.093,
133.346


31, 82.403,
316.921

90, 45.784,
133.085

29, 85.812,

94, 52.078,
132.484

316.431

 94, 51.206,
130.610

Harmonies

Complementary

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



57, 20.630, 315.511



64, 20.280, 133.781

Rectangle

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



57, 20.630, 315.511



57, 20.630, 5.511



57, 20.630, 135.511



57, 20.630, 185.511

Sweetspot

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



57, 20.628, 315.511



81, 7.444, 314.892



58, 12.758, 272.645



43, 4.980, 314.919



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, 20.628, 315.511



71, 30.323, 315.689



58, 20.326, 330.038



32, 5.698, 315.030



26, 79.176, 316.523



1, 8.656, 312.781

Inverse Universe

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



57, 14.545, 355.685



71, 21.435, 356.170



64, 20.273, 147.488



32, 3.986, 354.485



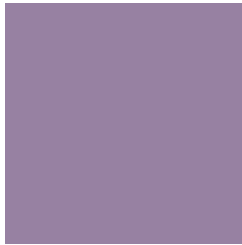
30, 56.591, 16.866



1, 5.997, 355.820

Previews

White Background



This preview shows how the CIELCh color 57, 20.630, 315.511 looks on a white background.

Color Contrast Check

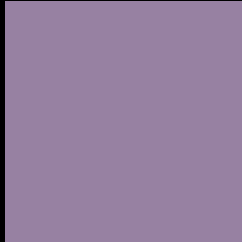
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.630, 315.511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

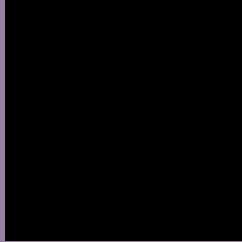
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 20.630, 315.511

Background



This preview shows how black text looks on a background with the CIELCh color 57, 20.630, 315.511.



This preview shows how white text looks on a background with the CIELCh color 57, 20.630, 315.511.

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, 20.630, 315.511

Protanopia

57, 17.756, 285.386

Deuteranopia

57, 15.525, 297.351



Tritanopia
57, 8.209, 336.329

Trichromacy



Original Color
57, 20.630, 315.511

Protanomaly
57, 18.421, 297.890

Deuteranomaly
57, 17.133, 305.710

Tritanomaly
57, 12.219, 323.529

Monochromacy



Original Color
57, 20.630, 315.511

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 7.541, 314.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 20.630, 315.511 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(151, 129, 162)` looks like.

```
.text, #text, p{  
    color:rgb(151, 129, 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(151, 129, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 129, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 20.630, 315.511 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(151, 129, 162) }
```

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

```
.border{ border-color:rgb(151, 129, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 129, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 129, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 129, 162);  
box-shadow:4px 4px 4px 4px rgb(151, 129,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 20.630, 315.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 129, 162) }
```

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

```
.background{ background-color: rgb(151,  
129, 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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