

Converting Colors

CIELCh(57, 30.777, 315.880)

Have a look what the booklet for
CIELCh(57, 30.777, 315.880)
contains.

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Color

CIELCh(57, 30.469, 316.076)

Conversions

Conversions Part 1

Format	Color
Hex	9E7DAE
RGB	158, 125, 174
RGB Percent	62%, 49%, 68%
CMY	0.3811, 0.5105, 0.3184
CMYK	0.09, 0.28, 0.00, 0.32
HSL	280°, 23%, 59%
HSV	280°, 28%, 68%
XYZ	28.9984, 24.9227, 43.2324
YIQ	140.4530, 3.9390, 22.2350

Conversions

Conversions Part 2

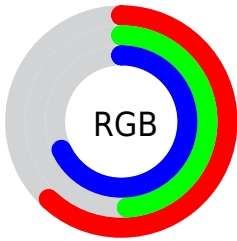
Format	Color
R _{YB}	158, 125, 174
Decimal	10386862
CIE _{Lab}	57.00, 21.95, -21.14
CIE _{LCh}	57, 30.469, 316.076
Yxy	24.9227, 0.2985, 0.2565
Android (android.graphics.Color)	4288576942 (0xFF9E7DAE)
YUV	140.4530, 16.5387, 15.3887
Hunter-Lab	49.9226, 16.3201, -16.3986

Details

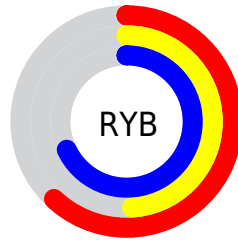
The CIELCh color $57, 30.469, 316.076$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $68, 29.773, 133.596$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 30.570, 315.838$, and $37, 29.983, 316.198$ is the 20% darker color. If you saturate the color by 10%, you get $52, 41.471, 316.504$, and if you desaturate by 10%, it is $62, 19.495, 315.638$.

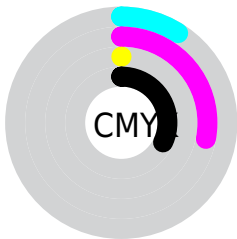
Distribution



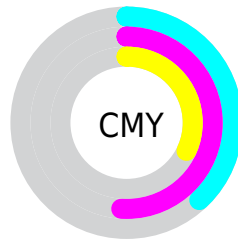
- Red (62%)
- Green (49%)
- Blue (68%)



- Red (62%)
- Yellow (49%)
- Blue (68%)



- Cyan (9%)
- Magenta (28%)
- Yellow (0%)
- Black (32%)





- Cyan (38%)
- Magenta (51%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 30.469, 316.076 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, 30.469, 316.076 by changing the saturation by 10% instead.


 57, 30.469,
316.076


 57, 30.469,
316.076


 100, 30.469,
316.076


 47, 30.469,
316.076


 77, 30.469,
316.076

 37, 30.469,
316.076

 87, 30.469,
316.076

 27, 30.469,
316.076

 97, 30.469,
316.076

 17, 30.469,
316.076

 7, 30.469, 316.076

 0, 30.469, 316.076

57, 30.469,
316.076

57, 30.469,
316.076

52, 41.471,
316.504

62, 19.495,
315.638

48, 52.302,
316.898

67, 8.683, 315.203

72, 1.894, 134.899

43, 62.645,
317.221

77, 12.198,
134.452

40, 72.063,
317.421

82, 22.211,
134.099

36, 80.007,
317.435

87, 31.931,
133.780

34, 85.917,
317.194

92, 41.363,
133.494

32, 89.644,
316.678

95, 45.393,
132.236

31, 90.266,

316.583

 95, 44.503,
129.928

Harmonies

Complementary

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



57, 30.469, 316.076



68, 29.773, 133.596

Rectangle

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



57, 30.469, 316.076



57, 30.469, 6.076



57, 30.469, 136.076



57, 30.469, 186.076

Sweetspot

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



57, 30.467, 316.076



85, 10.545, 315.202



59, 19.176, 275.346



45, 7.567, 315.267



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 30.467, 316.076



69, 45.820, 316.353



58, 29.445, 331.107



34, 6.003, 315.252



27, 81.108, 316.697



2, 12.274, 311.832

Inverse Universe

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



58, 21.492, 357.123



70, 32.439, 358.008



67, 29.356, 147.355



34, 4.177, 354.950



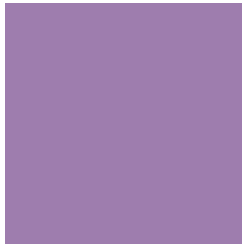
31, 58.218, 17.680



2, 8.404, 358.330

Previews

White Background



This preview shows how the CIELCh color 57, 30.469, 316.076 looks on a white background.

Color Contrast Check

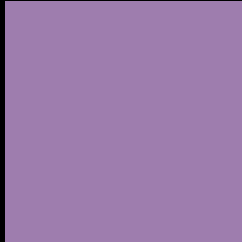
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.469, 316.076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

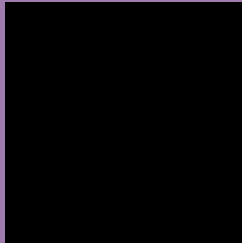
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 30.469, 316.076

Background



This preview shows how black text looks on a background with the CIELCh color 57, 30.469, 316.076.



This preview shows how white text looks on a background with the CIELCh color 57, 30.469, 316.076.

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, 30.469, 316.076

Protanopia

57, 26.384, 285.249

Deuteranopia

57, 21.702, 290.846



Tritanopia
57, 10.401, 347.395

Trichromacy



Original Color
57, 30.469, 316.076

Protanomaly
57, 26.986, 296.892

Deuteranomaly
57, 24.347, 301.219

Tritanomaly
57, 16.967, 327.506

Monochromacy



Original Color
57, 30.469, 316.076

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 11.287, 315.139

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 30.469, 316.076 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(158, 125, 174)` looks like.

```
.text, #text, p{  
    color:rgb(158, 125, 174)  
}
```

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(158, 125, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 125, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 30.469, 316.076 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(158, 125, 174) }
```

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

```
.border{ border-color:rgb(158, 125, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 125, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 125, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 125, 174);  
box-shadow:4px 4px 4px 4px rgb(158, 125,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 30.469, 316.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 125, 174) }
```

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

```
.background{ background-color: rgb(158,  
125, 174) }
```

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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