

Converting Colors

CIELCh(58, 22.350, 334.805)

Have a look what the booklet for
CIELCh(58, 22.350, 334.805)
contains.

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Color

CIELCh(58, 22.469, 334.911)

Conversions

Conversions Part 1

Format	Color
Hex	A77F9C
RGB	167, 127, 156
RGB Percent	65%, 50%, 61%
CMY	0.3434, 0.5003, 0.3866
CMYK	0.00, 0.24, 0.07, 0.34
HSL	317°, 19%, 58%
HSV	317°, 24%, 66%
XYZ	29.7054, 25.9610, 35.0842
YIQ	142.2660, 14.5310, 17.4990

Conversions

Conversions Part 2

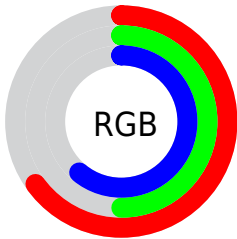
Format	Color
RYB	167, 127, 156
Decimal	10977180
CIELab	58.00, 20.35, -9.53
CIELCh	58, 22.469, 334.911
Yxy	25.9610, 0.3273, 0.2861
Android (android.graphics.Color)	4289167260 (0xFFA77F9C)
YUV	142.2660, 6.7709, 21.6917
Hunter-Lab	50.9519, 14.9013, -5.1593

Details

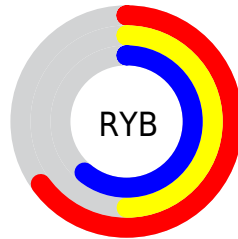
The CIELCh color $58, 22.469, 334.911$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $65, 22.294, 151.522$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 22.427, 335.726$, and $38, 22.757, 334.170$ is the 20% darker color. If you saturate the color by 10%, you get $54, 31.822, 335.663$, and if you desaturate by 10%, it is $62, 13.014, 334.197$.

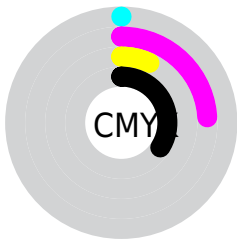
Distribution



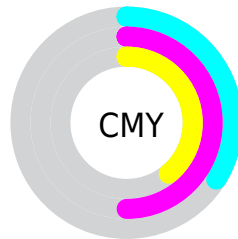
- Red (65%)
- Green (50%)
- Blue (61%)



- Red (65%)
- Yellow (50%)
- Blue (61%)



- Cyan (0%)
- Magenta (24%)
- Yellow (7%)
- Black (34%)





- Cyan (34%)
- Magenta (50%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 22.469, 334.911 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 58, 22.469, 334.911 by changing the saturation by 10% instead.


 58, 22.469,
334.911


 58, 22.469,
334.911


 100, 22.469,
334.911


 48, 22.469,
334.911


 78, 22.469,
334.911

 38, 22.469,
334.911

 88, 22.469,
334.911

 28, 22.469,
334.911

 98, 22.469,
334.911

 18, 22.469,
334.911

 8, 22.469, 334.911

 0, 22.469, 334.911

58, 22.469,
334.911

58, 22.469,
334.911

54, 31.822,
335.663

62, 13.014,
334.197

50, 40.840,
336.461

67, 3.627, 333.472

71, 5.591, 152.972

46, 49.195,
337.320

76, 14.582,
152.343

43, 56.483,
338.261

81, 23.314,
151.771

41, 62.268,
339.317

86, 31.779,
151.234

39, 66.176,
340.538


90, 39.979,
150.730

38, 68.029,
341.985

93, 44.254,
151.184

37, 68.561,

342.948

 93, 42.482,
153.273

Harmonies

Complementary

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



58, 22.469, 334.911



65, 22.294, 151.522

Rectangle

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



58, 22.469, 334.911



58, 22.469, 24.911



58, 22.469, 154.911



58, 22.469, 204.911

Sweetspot

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



58, 22.467, 334.912



83, 8.048, 333.720



56, 23.382, 302.177



44, 5.273, 333.760



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



58, 22.467, 334.912



71, 33.633, 335.328



57, 16.951, 3.217



33, 5.304, 333.874



33, 62.708, 342.755



2, 9.121, 336.274

Inverse Universe

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



58, 22.467, 334.912



71, 33.633, 335.328



66, 15.549, 178.550



33, 5.304, 333.874



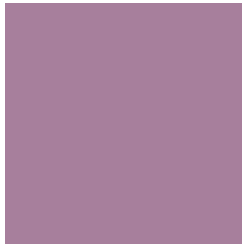
33, 62.708, 342.755



2, 9.121, 336.274

Previews

White Background



This preview shows how the CIELCh color 58, 22.469, 334.911 looks on a white background.

Color Contrast Check

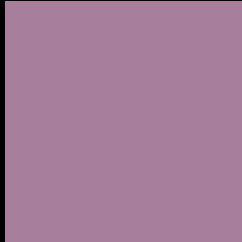
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 22.469, 334.911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

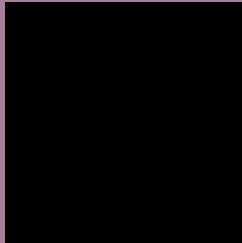
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 22.469, 334.911

Background



This preview shows how black text looks on a background with the CIELCh color 58, 22.469, 334.911.



This preview shows how white text looks on a background with the CIELCh color 58, 22.469, 334.911.

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

58, 22.469, 334.911

Protanopia

58, 14.810, 287.699

Deuteranopia

58, 11.505, 310.503



Tritanopia
58, 15.073, 359.090

Trichromacy



Original Color
58, 22.469, 334.911

Protanomaly
58, 16.194, 309.188

Deuteranomaly
58, 15.381, 322.778

Tritanomaly
58, 17.435, 347.912

Monochromacy



Original Color
58, 22.469, 334.911

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 8.566, 333.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 22.469, 334.911 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(167, 127, 156)` looks like.

```
.text, #text, p{  
    color:rgb(167, 127, 156)  
}
```

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(167, 127, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 127, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 22.469, 334.911 is called "border". The border property can be set on classes, ids or directly on the HTML element.

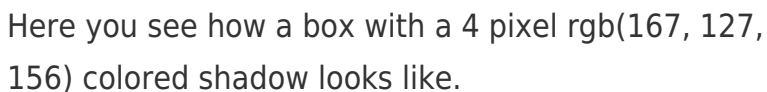
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 127, 156) }
```

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

```
.border{ border-color:rgb(167, 127, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 127, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 127, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 127, 156); box-shadow:4px 4px 4px 4px rgb(167, 127, 156) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 22.469, 334.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 127, 156) }
```

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

```
.background{ background-color: rgb(167,  
127, 156) }
```

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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