

Converting Colors

CIELCh(59, 35.903, 313.876)

Have a look what the booklet for
CIELCh(59, 35.903, 313.876)
contains.

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Color

CIELCh(59, 36.363, 313.886)

Conversions

Conversions Part 1

Format	Color
Hex	A480BC
RGB	164, 128, 188
RGB Percent	64%, 50%, 74%
CMY	0.3562, 0.4974, 0.2621
CMYK	0.13, 0.32, 0.00, 0.26
HSL	276°, 31%, 62%
HSV	276°, 32%, 74%
XYZ	32.1792, 27.0277, 51.1931
YIQ	145.6040, 2.1960, 26.2920

Conversions

Conversions Part 2

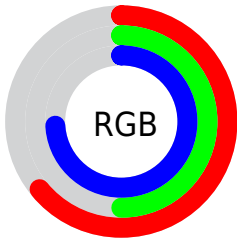
Format	Color
RYB	164, 128, 188
Decimal	10780860
CIELab	59.00, 25.21, -26.21
CIELCh	59, 36.363, 313.886
Yxy	27.0277, 0.2915, 0.2448
Android (android.graphics.Color)	4288970940 (0xFFA480BC)
YUV	145.6040, 20.9012, 16.1333
Hunter-Lab	51.9882, 19.5070, -21.9914

Details

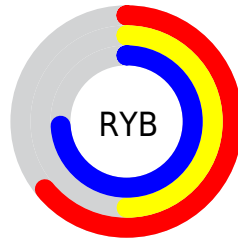
The CIELCh color **59, 36.363, 313.886** is a light color, and the websafe version is hex **996699**. A complement of this color would be **72, 35.150, 131.035**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 36.315, 314.243**, and **39, 36.801, 313.635** is the 20% darker color. If you saturate the color by 10%, you get **54, 48.035, 314.342**, and if you desaturate by 10%, it is **64, 24.729, 313.423**.

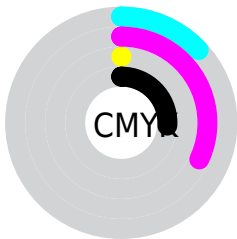
Distribution



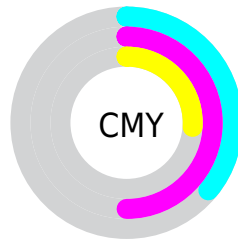
- Red (64%)
- Green (50%)
- Blue (74%)



- Red (64%)
- Yellow (50%)
- Blue (74%)



- Cyan (13%)
- Magenta (32%)
- Yellow (0%)
- Black (26%)





- Cyan (36%)
- Magenta (50%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 36.363, 313.886 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 59, 36.363, 313.886 by changing the saturation by 10% instead.


 59, 36.363,
313.886


 59, 36.363,
313.886


 100, 36.363,
313.886


 49, 36.363,
313.886


 79, 36.363,
313.886

 39, 36.363,
313.886

 89, 36.363,
313.886

 29, 36.363,
313.886

 99, 36.363,
313.886

 19, 36.363,
313.886

 9, 36.363, 313.886

 0, 36.363, 313.886

59, 36.363,
313.886

59, 36.363,
313.886

54, 48.035,
314.342

64, 24.729,
313.423

49, 59.517,
314.760

70, 13.280,
312.972

44, 70.441,
315.095

75, 2.091, 312.493

40, 80.286,
315.283

81, 8.797, 132.190

36, 88.393,
315.240

86, 19.370,
131.827

34, 94.117,
314.881

92, 29.625,
131.506

32, 97.209,
314.396

96, 36.726,
130.311

96, 35.688,
126.336

■ 97, 34.835,
122.070

Harmonies

Complementary

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



59, 36.363, 313.886



72, 35.150, 131.035

Rectangle

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



59, 36.363, 313.886



59, 36.363, 3.886



59, 36.363, 133.886



59, 36.363, 183.886

Sweetspot

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



59, 36.361, 313.886



90, 13.801, 312.895



62, 21.404, 270.515



47, 9.428, 312.958



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



59, 36.361, 313.886



71, 53.882, 314.195



61, 37.154, 329.113



37, 6.324, 312.859



26, 85.367, 314.539



2, 18.432, 308.604

Inverse Universe

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



60, 26.944, 352.729



73, 39.868, 353.651



71, 37.127, 144.953



37, 4.672, 350.205



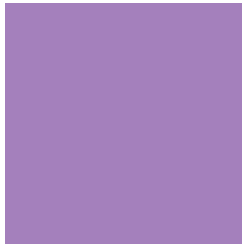
33, 59.263, 10.989



3, 13.292, 357.343

Previews

White Background



This preview shows how the CIELCh color 59, 36.363, 313.886 looks on a white background.

Color Contrast Check

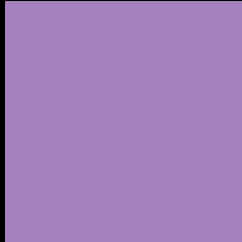
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 36.363, 313.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

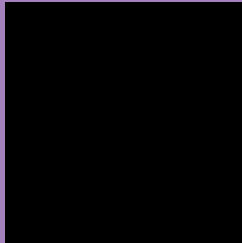
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 36.363, 313.886

Background



This preview shows how black text looks on a background with the CIELCh color 59, 36.363, 313.886.



This preview shows how white text looks on a background with the CIELCh color 59, 36.363, 313.886.

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
59, 36.363, 313.886

Protanopia
59, 32.462, 285.359

Deuteranopia
59, 26.126, 287.228



Tritanopia
59, 10.641, 344.782

Trichromacy



Original Color
59, 36.363, 313.886

Protanomaly
59, 32.964, 295.522

Deuteranomaly
59, 29.143, 298.720

Tritanomaly
59, 19.390, 323.452

Monochromacy



Original Color
59, 36.363, 313.886

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 12.901, 313.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 36.363, 313.886 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(164, 128, 188)` looks like.

```
.text, #text, p{  
    color:rgb(164, 128, 188)  
}
```

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(164, 128, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 128, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 36.363, 313.886 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(164, 128, 188) }
```

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

```
.border{ border-color:rgb(164, 128, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 128, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 128, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 128, 188);  
box-shadow:4px 4px 4px 4px rgb(164, 128,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 36.363, 313.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 128, 188) }
```

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

```
.background{ background-color: rgb(164,  
128, 188) }
```

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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