

Converting Colors

CIELCh(59, 30.187, 316.004)

Have a look what the booklet for
CIELCh(59, 30.187, 316.004)
contains.

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Color

CIELCh(59, 30.295, 316.044)

Conversions

Conversions Part 1

Format	Color
Hex	A382B3
RGB	163, 130, 179
RGB Percent	64%, 51%, 70%
CMY	0.3606, 0.4900, 0.2978
CMYK	0.09, 0.27, 0.00, 0.30
HSL	280°, 24%, 61%
HSV	280°, 27%, 70%
XYZ	31.2467, 27.0277, 46.2465
YIQ	145.4530, 3.9390, 22.2350

Conversions

Conversions Part 2

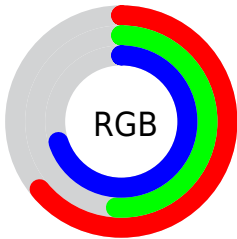
Format	Color
RYB	163, 130, 179
Decimal	10715827
CIELab	59.00, 21.81, -21.03
CIELCh	59, 30.295, 316.044
Yxy	27.0277, 0.2990, 0.2586
Android (android.graphics.Color)	4288905907 (0xFFA382B3)
YUV	145.4530, 16.5387, 15.3887
Hunter-Lab	51.9882, 16.3053, -16.3501

Details

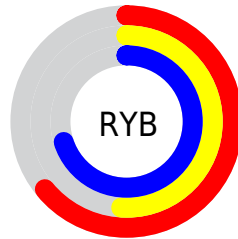
The CIELCh color $59, 30.295, 316.044$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $69, 29.621, 133.636$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 30.435, 315.818$, and $39, 30.461, 316.406$ is the 20% darker color. If you saturate the color by 10%, you get $54, 41.571, 316.474$, and if you desaturate by 10%, it is $64, 19.061, 315.605$.

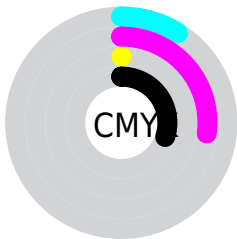
Distribution



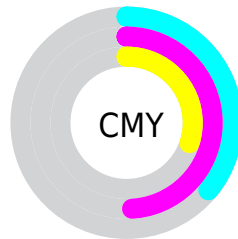
- Red (64%)
- Green (51%)
- Blue (70%)



- Red (64%)
- Yellow (51%)
- Blue (70%)



- Cyan (9%)
- Magenta (27%)
- Yellow (0%)
- Black (30%)




- Cyan (36%)
- Magenta (49%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 30.295, 316.044 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, 30.295, 316.044 by changing the saturation by 10% instead.


 59, 30.295,
316.044

 59, 30.295,
316.044


 100, 30.295,
316.044


 49, 30.295,
316.044


 79, 30.295,
316.044

 39, 30.295,
316.044

 89, 30.295,
316.044

 29, 30.295,
316.044

 99, 30.295,
316.044

 19, 30.295,
316.044

 9, 30.295, 316.044

 0, 30.295, 316.044

59, 30.295,
316.044

59, 30.295,
316.044

54, 41.571,
316.474

64, 19.061,
315.605

49, 52.688,
316.873

69, 8.001, 315.169

45, 63.333,
317.203

74, 2.813, 134.842

80, 13.345,
134.422

41, 73.062,
317.413

85, 23.578,
134.071

38, 81.319,
317.442

90, 33.510,
133.755

35, 87.520,
317.219


95, 42.917,
133.423

33, 91.395,
316.705

95, 41.975,
130.938

32, 92.287,

316.562

 96, 41.111,
128.301

Harmonies

Complementary

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



59, 30.295, 316.044



69, 29.621, 133.636

Rectangle

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



59, 30.295, 316.044



59, 30.295, 6.044



59, 30.295, 136.044



59, 30.295, 186.044

Sweetspot

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



59, 30.293, 316.044



87, 10.737, 315.203



61, 19.064, 275.207



46, 7.705, 315.269



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



59, 30.293, 316.044



71, 45.263, 316.313



60, 29.296, 331.059



35, 6.149, 315.255



27, 82.119, 316.684



2, 14.357, 311.365

Inverse Universe

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



60, 21.359, 357.027



72, 32.028, 357.870



69, 29.207, 147.422



35, 4.279, 354.956



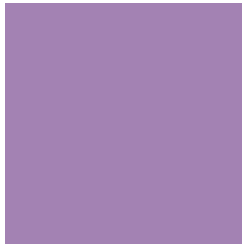
32, 58.960, 17.771



2, 9.794, 359.357

Previews

White Background



This preview shows how the CIELCh color 59, 30.295, 316.044 looks on a white background.

Color Contrast Check

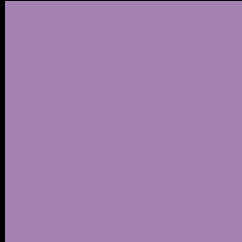
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 30.295, 316.044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

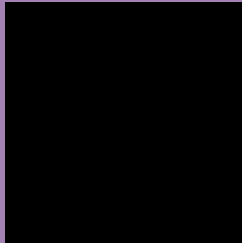
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 30.295, 316.044

Background



This preview shows how black text looks on a background with the CIELCh color 59, 30.295, 316.044.



This preview shows how white text looks on a background with the CIELCh color 59, 30.295, 316.044.

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, 30.295, 316.044

Protanopia

59, 26.742, 286.047

Deuteranopia

59, 21.559, 291.677



Tritanopia
59, 10.641, 344.782

Trichromacy



Original Color
59, 30.295, 316.044

Protanomaly
59, 27.399, 297.500

Deuteranomaly
59, 24.244, 301.996

Tritanomaly
59, 17.315, 326.360

Monochromacy



Original Color
59, 30.295, 316.044

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 11.202, 315.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 30.295, 316.044 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(163, 130, 179)` looks like.

```
.text, #text, p{  
    color:rgb(163, 130, 179)  
}
```

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(163, 130, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 130, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 30.295, 316.044 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(163, 130, 179) }
```

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

```
.border{ border-color:rgb(163, 130, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 130, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 130, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 130, 179);  
box-shadow:4px 4px 4px 4px rgb(163, 130,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 30.295, 316.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 130, 179) }
```

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

```
.background{ background-color: rgb(163,  
130, 179) }
```

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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