

Converting Colors

CIELCh(59, 28.391, 325.780)

Have a look what the booklet for
CIELCh(59, 28.391, 325.780)
contains.

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Color

CIELCh(59, 28.419, 325.761)

Conversions

Conversions Part 1

Format	Color
Hex	AA80AA
RGB	170, 128, 170
RGB Percent	67%, 50%, 67%
CMY	0.3319, 0.4967, 0.3319
CMYK	0.00, 0.25, 0.00, 0.33
HSL	300°, 20%, 59%
HSV	300°, 25%, 67%
XYZ	31.7068, 27.0277, 41.7512
YIQ	145.3460, 11.5500, 21.9660

Conversions

Conversions Part 2

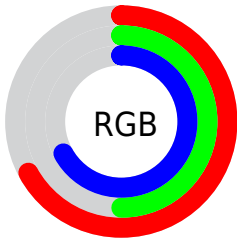
Format	Color
RYB	170, 128, 170
Decimal	11174058
CIELab	59.00, 23.49, -15.99
CIELCh	59, 28.419, 325.761
Yxy	27.0277, 0.3155, 0.2690
Android (android.graphics.Color)	4289364138 (0xFFAA80AA)
YUV	145.3460, 12.1544, 21.6216
Hunter-Lab	51.9882, 17.8849, -11.2234

Details

The CIELCh color $59, 28.419, 325.761$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $66, 28.406, 142.829$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 28.442, 326.133$, and $39, 28.656, 325.464$ is the 20% darker color. If you saturate the color by 10%, you get $55, 39.772, 326.281$, and if you desaturate by 10%, it is $63, 16.868, 325.221$.

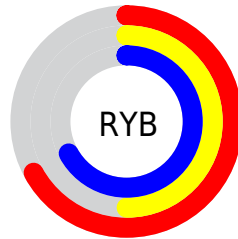
Distribution



Red (67%)

Green (50%)

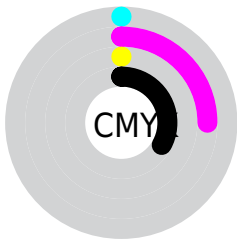
Blue (67%)



Red (67%)

Yellow (50%)

Blue (67%)

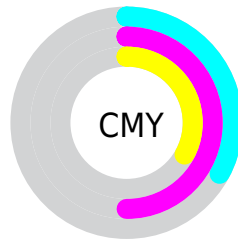


Cyan (0%)

Magenta (25%)

Yellow (0%)

Black (33%)



Cyan (33%)


Magenta (50%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 28.419, 325.761 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, 28.419, 325.761 by changing the saturation by 10% instead.


 59, 28.419,
325.761


 59, 28.419,
325.761


 100, 28.419,
325.761


 49, 28.419,
325.761


 79, 28.419,
325.761

 39, 28.419,
325.761

 89, 28.419,
325.761

 29, 28.419,
325.761

 99, 28.419,
325.761

 19, 28.419,
325.761

 9, 28.419, 325.761

 0, 28.419, 325.761

59, 28.419,
325.761

59, 28.419,
325.761

55, 39.772,
326.281

63, 16.868,
325.221

51, 50.642,
326.768

68, 5.337, 324.652

72, 6.034, 144.199

48, 60.656,
327.205

77, 17.154,
143.654

45, 69.388,
327.577

81, 27.970,
143.148

43, 76.419,
327.869

86, 38.457,
142.669

42, 81.433,
328.074

91, 48.609,
142.216

41, 84.341,
328.192

93, 52.920,
142.028

40, 85.419,

328.235

 93, 52.920,
142.028

Harmonies

Complementary

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



59, 28.419, 325.761



66, 28.406, 142.829

Rectangle

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



59, 28.419, 325.761



59, 28.419, 15.761



59, 28.419, 145.761



59, 28.419, 195.761

Sweetspot

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



59, 28.417, 325.761



85, 9.944, 324.799



55, 24.165, 293.023



45, 6.516, 324.832



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



59, 28.417, 325.761



72, 42.780, 326.070



58, 20.235, 345.829



33, 6.429, 324.922



35, 76.989, 328.235



2, 11.672, 324.441

Inverse Universe

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



59, 28.417, 325.761



72, 42.780, 326.070



66, 19.633, 161.474



33, 6.429, 324.922



35, 76.989, 328.235



2, 11.672, 324.441

Previews

White Background



This preview shows how the CIELCh color 59, 28.419, 325.761 looks on a white background.

Color Contrast Check

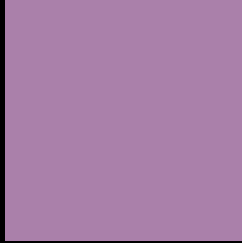
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.419, 325.761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

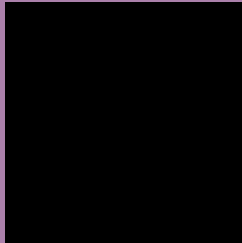
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 28.419, 325.761

Background



This preview shows how black text looks on a background with the CIELCh color 59, 28.419, 325.761.



This preview shows how white text looks on a background with the CIELCh color 59, 28.419, 325.761.

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, 28.419, 325.761

Protanopia

59, 21.625, 285.320

Deuteranopia

59, 16.551, 297.032



Tritanopia
59, 14.834, 356.358

Trichromacy



Original Color
59, 28.419, 325.761

Protanomaly
59, 23.132, 302.382

Deuteranomaly
59, 20.486, 310.985

Tritanomaly
59, 19.320, 339.301

Monochromacy



Original Color
59, 28.419, 325.761

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 10.282, 324.939

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 28.419, 325.761 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(170, 128, 170)` looks like.

```
.text, #text, p{  
    color:rgb(170, 128, 170)  
}
```

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(170, 128, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 128, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 28.419, 325.761 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(170, 128, 170) }
```

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

```
.border{ border-color:rgb(170, 128, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 128, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 128, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 128, 170);  
box-shadow:4px 4px 4px 4px rgb(170, 128,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 28.419, 325.761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 128, 170) }
```

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

```
.background{ background-color: rgb(170,  
128, 170) }
```

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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