

Converting Colors

CIELCh(59, 29.092, 325.372)

Have a look what the booklet for
CIELCh(59, 29.092, 325.372)
contains.

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Color

CIELCh(59, 29.062, 325.785)

Conversions

Conversions Part 1

Format	Color
Hex	AB80AB
RGB	171, 128, 171
RGB Percent	67%, 50%, 67%
CMY	0.3295, 0.4981, 0.3295
CMYK	0.00, 0.25, 0.00, 0.33
HSL	300°, 20%, 59%
HSV	300°, 25%, 67%
XYZ	31.8547, 27.0277, 42.0551
YIQ	145.7590, 11.8250, 22.4890

Conversions

Conversions Part 2

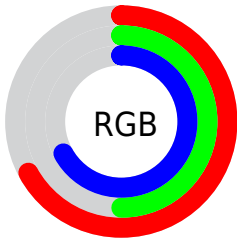
Format	Color
RYB	171, 128, 171
Decimal	11239595
CIELab	59.00, 24.03, -16.34
CIElCh	59, 29.062, 325.785
Yxy	27.0277, 0.3156, 0.2678
Android (android.graphics.Color)	4289429675 (0xFFAB80AB)
YUV	145.7590, 12.4438, 22.1364
Hunter-Lab	51.9882, 18.3928, -11.5700

Details

The CIELCh color **59, 29.062, 325.785** is a light color, and the websafe version is hex **996699**. A complement of this color would be **66, 29.050, 142.787**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 29.060, 326.139**, and **39, 29.323, 325.510** is the 20% darker color. If you saturate the color by 10%, you get **55, 40.433, 326.304**, and if you desaturate by 10%, it is **63, 17.480, 325.245**.

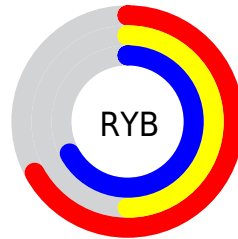
Distribution



Red (67%)

Green (50%)

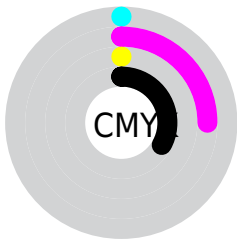
Blue (67%)



Red (67%)

Yellow (50%)

Blue (67%)

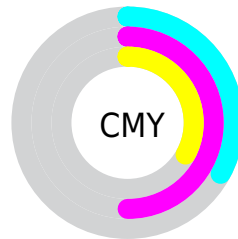


Cyan (0%)

Magenta (25%)

Yellow (0%)

Black (33%)



Cyan (33%)


Magenta (50%)


Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 29.062, 325.785 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, 29.062, 325.785 by changing the saturation by 10% instead.


 59, 29.062,
325.785

 59, 29.062,
325.785


 100, 29.062,
325.785


 49, 29.062,
325.785


 79, 29.062,
325.785

 39, 29.062,
325.785

 89, 29.062,
325.785

 29, 29.062,
325.785

 99, 29.062,
325.785

 19, 29.062,
325.785

 9, 29.062, 325.785

 0, 29.062, 325.785

59, 29.062,
325.785

59, 29.062,
325.785

55, 40.433,
326.304

63, 17.480,
325.245

51, 51.302,
326.788

68, 5.909, 324.680

72, 5.506, 144.226

48, 61.293,
327.223

77, 16.673,
143.677

45, 69.976,
327.591

82, 27.537,
143.170

43, 76.932,
327.879

86, 38.072,
142.689

42, 81.855,
328.080

91, 48.270,
142.235

41, 84.674,
328.193

93, 52.541,
142.049

41, 85.653,

328.232

 93, 52.541,
142.048

Harmonies

Complementary

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



59, 29.062, 325.785



66, 29.050, 142.787

Rectangle

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



59, 29.062, 325.785



59, 29.062, 15.785



59, 29.062, 145.785



59, 29.062, 195.785

Sweetspot

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



59, 29.060, 325.785



84, 11.372, 324.856



55, 24.302, 292.455



44, 8.154, 324.939



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, 29.060, 325.785



72, 42.782, 326.068



58, 20.916, 344.951



34, 6.590, 324.922



35, 77.962, 328.232



2, 13.857, 324.438

Inverse Universe

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



58, 17.820, 21.311



70, 26.806, 21.918



66, 20.331, 160.562



34, 3.818, 19.908



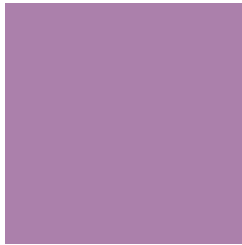
31, 69.982, 39.446



2, 7.802, 19.404

Previews

White Background



This preview shows how the CIELCh color 59, 29.062, 325.785 looks on a white background.

Color Contrast Check

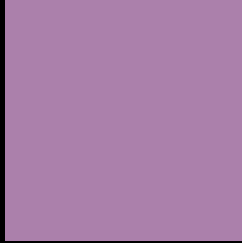
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.062, 325.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

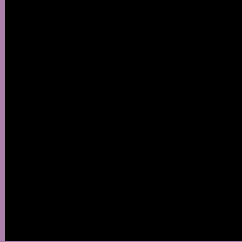
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 29.062, 325.785

Background



This preview shows how black text looks on a background with the CIELCh color 59, 29.062, 325.785.



This preview shows how white text looks on a background with the CIELCh color 59, 29.062, 325.785.

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, 29.062, 325.785

Protanopia

59, 22.183, 285.587

Deuteranopia

59, 17.115, 296.913



Tritanopia
59, 14.639, 358.398

Trichromacy



Original Color
59, 29.062, 325.785

Protanomaly
59, 23.688, 302.183

Deuteranomaly
59, 21.019, 310.499

Tritanomaly
59, 18.969, 340.602

Monochromacy



Original Color
59, 29.062, 325.785

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 10.972, 324.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 29.062, 325.785 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(171, 128, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 128, 171)  
}
```

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(171, 128, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 128, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 29.062, 325.785 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(171, 128, 171) }
```

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

```
.border{ border-color:rgb(171, 128, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 128, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 128, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 128, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 128,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 29.062, 325.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 128, 171) }
```

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

```
.background{ background-color: rgb(171,  
128, 171) }
```

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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