

Converting Colors

CIELCh(59, 31.015, 325.863)

Have a look what the booklet for
CIELCh(59, 31.015, 325.863)
contains.

CIELCh(59, 31.015, 325.863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 31.015, 325.863)

Conversions

Conversions Part 1

Format	Color
Hex	AD7FAD
RGB	173, 127, 173
RGB Percent	68%, 50%, 68%
CMY	0.3221, 0.5024, 0.3221
CMYK	0.00, 0.27, 0.00, 0.32
HSL	300°, 22%, 59%
HSV	300°, 27%, 68%
XYZ	32.3077, 27.0277, 42.9828
YIQ	145.9980, 12.6500, 24.0580

Conversions

Conversions Part 2

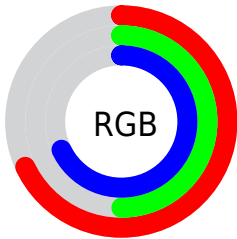
Format	Color
RYB	173, 127, 173
Decimal	11370413
CIELab	59.00, 25.67, -17.40
CIELCh	59, 31.015, 325.863
Yxy	27.0277, 0.3158, 0.2642
Android (android.graphics.Color)	4289560493 (0xFFAD7FAD)
YUV	145.9980, 13.3120, 23.6808
Hunter-Lab	51.9882, 19.9483, -12.6280

Details

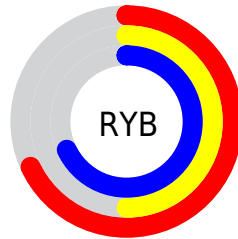
The CIELCh color **59, 31.015, 325.863** is a light color, and the websafe version is hex **996699**. A complement of this color would be **66, 31.006, 142.667**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 31.363, 325.608**, and **39, 31.349, 325.652** is the 20% darker color. If you saturate the color by 10%, you get **55, 42.434, 326.378**, and if you desaturate by 10%, it is **63, 19.344, 325.325**.

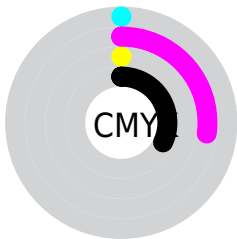
Distribution



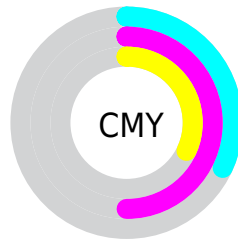
- Red (68%)
- Green (50%)
- Blue (68%)



- Red (68%)
- Yellow (50%)
- Blue (68%)



- Cyan (0%)
- Magenta (27%)
- Yellow (0%)
- Black (32%)





- Cyan (32%)
- Magenta (50%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 31.015, 325.863 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, 31.015, 325.863 by changing the saturation by 10% instead.


 59, 31.015,
325.863


 59, 31.015,
325.863

 100, 31.015,
325.863


 49, 31.015,
325.863


 79, 31.015,
325.863


 39, 31.015,
325.863


 89, 31.015,
325.863

 29, 31.015,
325.863

 99, 31.015,
325.863

 19, 31.015,
325.863

 9, 31.015, 325.863

 0, 31.015, 325.863

59, 31.015,
325.863

59, 31.015,
325.863

55, 42.434,
326.378

63, 19.344,
325.325

51, 53.294,
326.857

68, 7.657, 324.767

48, 63.205,
327.282

72, 3.891, 144.321

45, 71.729,
327.640

77, 15.199,
143.753

43, 78.453,
327.915

82, 26.207,
143.241

42, 83.093,
328.102

86, 36.885,
142.756


41, 85.670,
328.205

91, 47.224,
142.297

41, 86.353,

93, 51.379,
142.117

328.232

 93, 51.378,
142.117

Harmonies

Complementary

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



59, 31.015, 325.863



66, 31.006, 142.667

Rectangle

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



59, 31.015, 325.863



59, 31.015, 15.863



59, 31.015, 145.863



59, 31.015, 195.863

Sweetspot

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



59, 31.013, 325.863



85, 11.478, 324.856



55, 26.020, 292.668



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, 31.013, 325.863



72, 46.008, 326.173



58, 22.345, 345.101



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, 19.128, 21.469



70, 29.076, 22.173



67, 21.686, 160.411



34, 3.818, 19.908



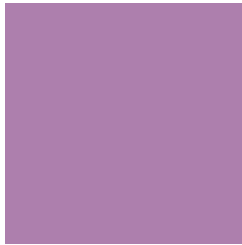
31, 69.982, 39.446



2, 7.802, 19.403

Previews

White Background



This preview shows how the CIELCh color 59, 31.015, 325.863 looks on a white background.

Color Contrast Check

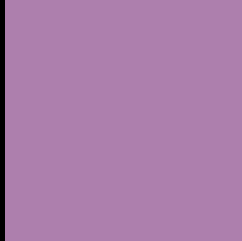
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.015, 325.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

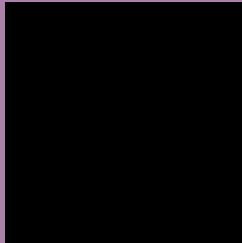
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 31.015, 325.863

Background



This preview shows how black text looks on a background with the CIELCh color 59, 31.015, 325.863.

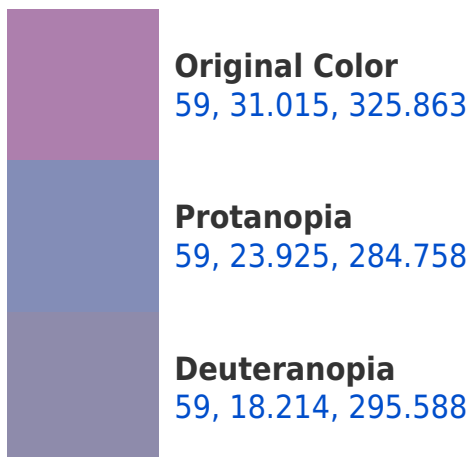



This preview shows how white text looks on a background with the CIELCh color 59, 31.015, 325.863.

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





Tritanopia
59, 15.389, 359.670

Trichromacy



Original Color
59, 31.015, 325.863

Protanomaly
59, 24.749, 301.010

Deuteranomaly
59, 22.089, 309.606

Tritanomaly
59, 19.895, 340.923

Monochromacy



Original Color
59, 31.015, 325.863

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 11.647, 325.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 31.015, 325.863 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(173, 127, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 127, 173)  
}
```

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(173, 127, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 127, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 31.015, 325.863 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(173, 127, 173) }
```

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

```
.border{ border-color:rgb(173, 127, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 127, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 127, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 127, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 127,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 31.015, 325.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 127, 173) }
```

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

```
.background{ background-color: rgb(173,  
127, 173) }
```

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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