

Converting Colors

CIELCh(59, 30.321, 328.917)

Have a look what the booklet for
CIELCh(59, 30.321, 328.917)
contains.

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Color

CIELCh(59, 30.755, 328.941)

Conversions

Conversions Part 1

Format	Color
Hex	AF7EAA
RGB	175, 126, 170
RGB Percent	69%, 49%, 67%
CMY	0.3128, 0.5050, 0.3325
CMYK	0.00, 0.28, 0.03, 0.31
HSL	306°, 23%, 59%
HSV	306°, 28%, 69%
XYZ	32.4955, 27.0277, 41.6455
YIQ	145.6670, 15.0800, 24.0720

Conversions

Conversions Part 2

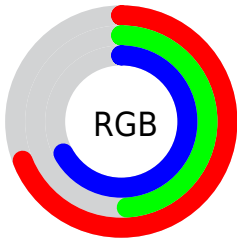
Format	Color
RYB	175, 126, 170
Decimal	11501226
CIELab	59.00, 26.35, -15.87
CIELCh	59, 30.755, 328.941
Yxy	27.0277, 0.3212, 0.2672
Android (android.graphics.Color)	4289691306 (0xFFAF7EAA)
YUV	145.6670, 11.9962, 25.7250
Hunter-Lab	51.9882, 20.5931, -11.1029

Details

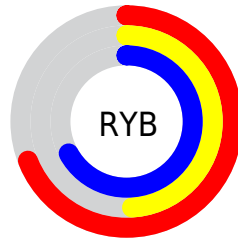
The CIELCh color **59, 30.755, 328.941** is a light color, and the websafe version is hex **996699**. A complement of this color would be **67, 30.714, 145.380**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 30.720, 329.066**, and **39, 31.008, 328.955** is the 20% darker color. If you saturate the color by 10%, you get **55, 41.497, 329.524**, and if you desaturate by 10%, it is **63, 19.750, 328.354**.

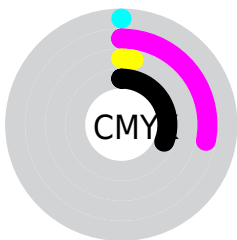
Distribution



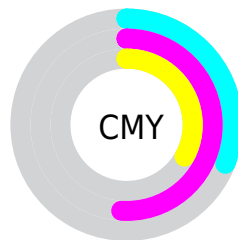
- Red (69%)
- Green (49%)
- Blue (67%)



- Red (69%)
- Yellow (49%)
- Blue (67%)



- Cyan (0%)
- Magenta (28%)
- Yellow (3%)
- Black (31%)





- Cyan (31%)
- Magenta (51%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 30.755, 328.941 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, 30.755, 328.941 by changing the saturation by 10% instead.


 59, 30.755,
328.941


 59, 30.755,
328.941


 100, 30.755,
328.941


 49, 30.755,
328.941


 79, 30.755,
328.941

 39, 30.755,
328.941

 89, 30.755,
328.941

 29, 30.755,
328.941

 99, 30.755,
328.941

 19, 30.755,
328.941

 9, 30.755, 328.941

 0, 30.755, 328.941

59, 30.755,
328.941

59, 30.755,
328.941

55, 41.497,
329.524

63, 19.750,
328.354

51, 51.669,
330.095

68, 8.717, 327.760

48, 60.874,
330.647

73, 2.193, 147.341

45, 68.664,
331.175

77, 12.882,
146.697

43, 74.614,
331.679

82, 23.294,
146.162

42, 78.436,
332.165

87, 33.402,
145.656


41, 80.246,
332.648

92, 43.198,
145.178

41, 80.536,

94, 46.068,
145.451

332.745

 94, 45.337,
146.133

Harmonies

Complementary

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



59, 30.755, 328.941



67, 30.714, 145.380

Rectangle

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



59, 30.755, 328.941



59, 30.755, 18.941



59, 30.755, 148.941



59, 30.755, 198.941

Sweetspot

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



59, 30.753, 328.941



86, 10.801, 327.770



55, 28.302, 296.856



45, 7.744, 327.860



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



59, 30.753, 328.941



72, 45.989, 329.328



58, 22.228, 352.216



34, 6.145, 327.840



35, 72.053, 332.685



2, 12.528, 328.691

Inverse Universe

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



59, 30.753, 328.941



72, 45.989, 329.328



68, 21.050, 166.757



34, 6.145, 327.840



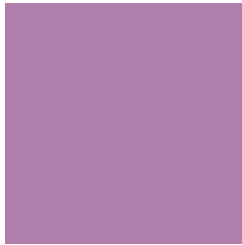
35, 72.053, 332.685



2, 12.528, 328.691

Previews

White Background



This preview shows how the CIELCh color 59, 30.755, 328.941 looks on a white background.

Color Contrast Check

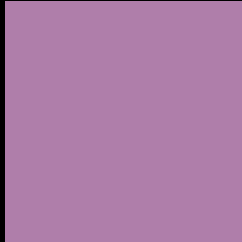
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.755, 328.941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

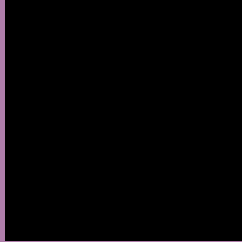
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 30.755, 328.941

Background



This preview shows how black text looks on a background with the CIELCh color 59, 30.755, 328.941.



This preview shows how white text looks on a background with the CIELCh color 59, 30.755, 328.941.

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, 30.755, 328.941

Protanopia

59, 22.218, 284.731

Deuteranopia

59, 16.590, 298.278



Tritanopia
59, 16.549, 1.395

Trichromacy



Original Color
59, 30.755, 328.941

Protanomaly
59, 23.194, 303.255

Deuteranomaly
59, 21.404, 313.361

Tritanomaly
59, 20.803, 345.203

Monochromacy



Original Color
59, 30.755, 328.941

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 11.418, 328.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 30.755, 328.941 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(175, 126, 170)` looks like.

```
.text, #text, p{  
    color:rgb(175, 126, 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(175, 126, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 126, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 30.755, 328.941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

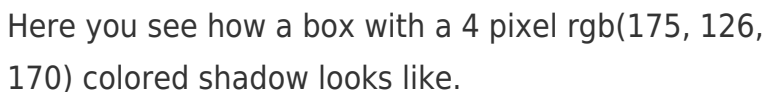
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 126, 170) }
```

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

```
.border{ border-color:rgb(175, 126, 170) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 126, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 126, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 126, 170);  
box-shadow:4px 4px 4px 4px rgb(175, 126,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 30.755, 328.941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 126, 170) }
```

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

```
.background{ background-color: rgb(175,  
126, 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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