

Converting Colors

CIELCh(59, 27.049, 327.794)

Have a look what the booklet for
CIELCh(59, 27.049, 327.794)
contains.

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Color

CIELCh(59, 27.049, 327.794)

Conversions

Conversions Part 1

Format	Color
Hex	AB81A8
RGB	171, 129, 168
RGB Percent	67%, 51%, 66%
CMY	0.3310, 0.4956, 0.3427
CMYK	0.00, 0.25, 0.02, 0.33
HSL	304°, 20%, 59%
HSV	304°, 25%, 67%
XYZ	31.5406, 27.0277, 40.4092
YIQ	146.0040, 12.5130, 21.0330

Conversions

Conversions Part 2

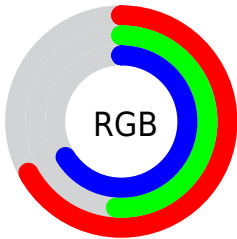
Format	Color
R_{YB}	171, 129, 168
Decimal	11239848
CIE _{Lab}	59.00, 22.89, -14.42
CIE _{LCh}	59, 27.049, 327.794
Yxy	27.0277, 0.3187, 0.2731
Android (android.graphics.Color)	4289429928 (0xFFAB81A8)
YUV	146.0040, 10.8440, 21.9215
Hunter-Lab	51.9882, 17.3145, -9.6930

Details

The CIELCh color $59, 27.049, 327.794$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $66, 27.019, 144.775$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 27.154, 328.074$, and $39, 27.182, 327.605$ is the 20% darker color. If you saturate the color by 10%, you get $55, 37.895, 328.356$, and if you desaturate by 10%, it is $63, 16.023, 327.223$.

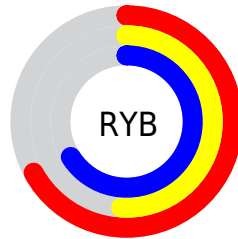
Distribution



Red (67%)

Green (51%)

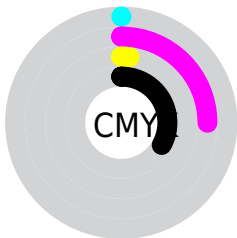
Blue (66%)



Red (67%)

Yellow (51%)

Blue (66%)

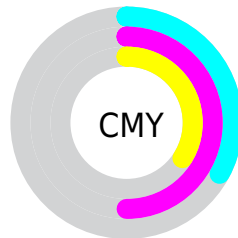


Cyan (0%)

Magenta (25%)

Yellow (2%)

Black (33%)



Cyan (33%)


Magenta (50%)

Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 27.049, 327.794 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, 27.049, 327.794 by changing the saturation by 10% instead.


 59, 27.049,
327.794


 59, 27.049,
327.794


 100, 27.049,
327.794


 49, 27.049,
327.794


 79, 27.049,
327.794

 39, 27.049,
327.794

 89, 27.049,
327.794

 29, 27.049,
327.794

 99, 27.049,
327.794

 19, 27.049,
327.794

 9, 27.049, 327.794

 0, 27.049, 327.794

59, 27.049,
327.794

59, 27.049,
327.794

55, 37.895,
328.356

63, 16.023,
327.223

51, 48.287,
328.901

68, 5.025, 326.629

48, 57.860,
329.419

72, 5.816, 146.170

45, 66.190,
329.899

77, 16.414,
145.611

43, 72.845,
330.337

82, 26.725,
145.094

41, 77.492,
330.731

86, 36.727,
144.604


40, 80.015,
331.088

91, 46.416,
144.141

40, 80.885,

93, 49.975,
144.202

331.273

 93, 49.474,
144.617

Harmonies

Complementary

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



59, 27.049, 327.794



66, 27.019, 144.775

Rectangle

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



59, 27.049, 327.794



59, 27.049, 17.794



59, 27.049, 147.794



59, 27.049, 197.794

Sweetspot

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



59, 27.047, 327.794



84, 9.472, 326.787



55, 24.164, 295.305



45, 6.206, 326.821



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, 27.047, 327.794



72, 40.774, 328.129



58, 19.424, 349.734



33, 6.124, 326.915



34, 72.872, 331.235



2, 10.908, 327.224

Inverse Universe

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



59, 27.047, 327.794



72, 40.774, 328.129



66, 18.639, 165.150



33, 6.124, 326.915



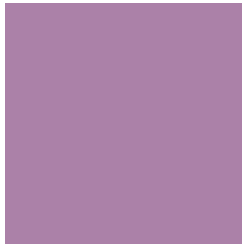
34, 72.872, 331.235



2, 10.908, 327.224

Previews

White Background



This preview shows how the CIELCh color 59, 27.049, 327.794 looks on a white background.

Color Contrast Check

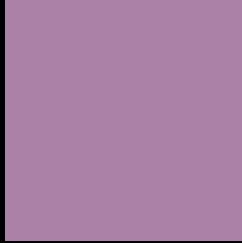
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.049, 327.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

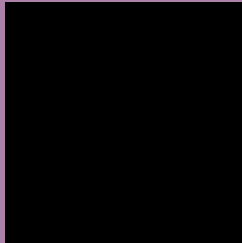
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 27.049, 327.794

Background



This preview shows how black text looks on a background with the CIELCh color 59, 27.049, 327.794.




This preview shows how white text looks on a background with the CIELCh color 59, 27.049, 327.794.

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, 14.639, 358.398

Trichromacy



Original Color
59, 27.049, 327.794

Protanomaly
59, 20.819, 302.331

Deuteranomaly
59, 19.553, 313.084

Tritanomaly
59, 18.629, 341.953

Monochromacy



Original Color
59, 27.049, 327.794

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 9.825, 326.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 27.049, 327.794 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, 129, 168)` looks like.

```
.text, #text, p{  
    color:rgb(171, 129, 168)  
}
```

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, 129, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 129, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 27.049, 327.794 is called "border". The border property can be set on classes, ids or directly on the HTML element.

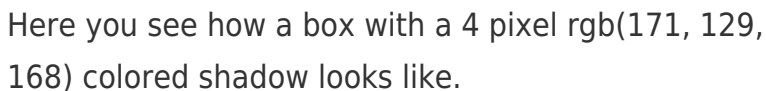
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 129, 168) }
```

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

```
.border{ border-color:rgb(171, 129, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 129, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 129, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 129, 168); box-shadow:4px 4px 4px 4px rgb(171, 129, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 27.049, 327.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 129, 168) }
```

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

```
.background{ background-color: rgb(171,  
129, 168) }
```

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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