

Converting Colors

CIELCh(59, 26.224, 325.699)

Have a look what the booklet for
CIELCh(59, 26.224, 325.699)
contains.

CIELCh(59, 25.771, 325.649)	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, 25.771, 325.649)

Conversions

Conversions Part 1

Format	Color
Hex	A882A8
RGB	168, 130, 168
RGB Percent	66%, 51%, 66%
CMY	0.3420, 0.4910, 0.3420
CMYK	0.00, 0.23, 0.00, 0.34
HSL	300°, 18%, 58%
HSV	300°, 23%, 66%
XYZ	31.1024, 27.0277, 40.5151
YIQ	145.6940, 10.4500, 19.8740

Conversions

Conversions Part 2

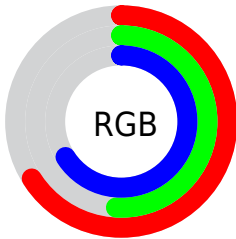
Format	Color
R _Y B	168, 130, 168
Decimal	11043496
CIE _{Lab}	59.00, 21.28, -14.54
CIE _{LCh}	59, 25.771, 325.649
Yxy	27.0277, 0.3153, 0.2740
Android (android.graphics.Color)	4289233576 (0xFFA882A8)
YUV	145.6940, 10.9969, 19.5624
Hunter-Lab	51.9882, 15.8098, -9.8137

Details

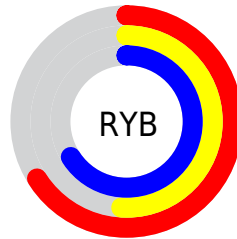
The CIELCh color $59, 25.771, 325.649$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $65, 25.755, 142.987$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 25.911, 326.102$, and $39, 25.883, 325.244$ is the 20% darker color. If you saturate the color by 10%, you get $55, 37.044, 326.173$, and if you desaturate by 10%, it is $63, 14.351, 325.106$.

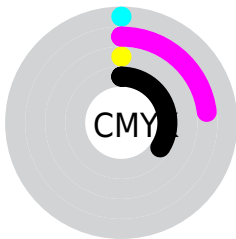
Distribution



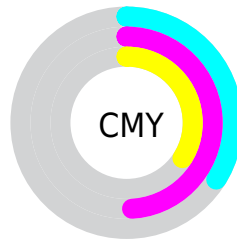
- Red (66%)
- Green (51%)
- Blue (66%)



- Red (66%)
- Yellow (51%)
- Blue (66%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (34%)




- Cyan (34%)
- Magenta (49%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 25.771, 325.649 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, 25.771, 325.649 by changing the saturation by 10% instead.


 59, 25.771,
325.649

 59, 25.771,
325.649

 100, 25.771,
325.649

 49, 25.771,
325.649

 79, 25.771,
325.649

 39, 25.771,
325.649

 89, 25.771,
325.649

 29, 25.771,
325.649

 99, 25.771,
325.649

 19, 25.771,
325.649

 9, 25.771, 325.649

 0, 25.771, 325.649

59, 25.771,
325.649

59, 25.771,
325.649

55, 37.044,
326.173

63, 14.351,
325.106

51, 47.907,
326.667

68, 2.985, 324.507

48, 58.006,
327.116

72, 8.202, 144.080

45, 66.931,
327.502

77, 19.127,
143.548

43, 74.260,
327.812

81, 29.747,
143.048

41, 79.650,
328.035

86, 40.040,
142.575


40, 82.955,
328.170

91, 50.001,
142.128

40, 84.466,

93, 54.500,
141.930

328.231

 93, 54.500,
141.930

Harmonies

Complementary

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



59, 25.771, 325.649



65, 25.755, 142.987

Rectangle

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



59, 25.771, 325.649



59, 25.771, 15.649



59, 25.771, 145.649



59, 25.771, 195.649

Sweetspot

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



59, 25.769, 325.649



84, 9.852, 324.796



56, 21.435, 292.102



44, 6.394, 324.828



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



59, 25.769, 325.649



73, 38.187, 325.907



58, 18.515, 344.700



33, 6.429, 324.919



35, 76.993, 328.231



2, 11.673, 324.437

Inverse Universe

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



58, 15.648, 21.051



71, 23.631, 21.560



66, 18.047, 160.816



33, 3.724, 19.904



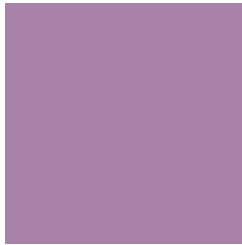
30, 69.025, 39.358



1, 6.572, 19.402

Previews

White Background



This preview shows how the CIELCh color 59, 25.771, 325.649 looks on a white background.

Color Contrast Check

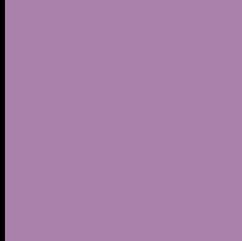
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.771, 325.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

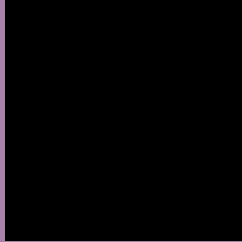
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 25.771, 325.649

Background



This preview shows how black text looks on a background with the CIELCh color 59, 25.771, 325.649.



This preview shows how white text looks on a background with the CIELCh color 59, 25.771, 325.649.

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, 25.771, 325.649

Protanopia

59, 19.356, 285.131

Deuteranopia

59, 15.516, 299.994



Tritanopia
59, 13.514, 356.241

Trichromacy



Original Color
59, 25.771, 325.649

Protanomaly
59, 20.202, 301.567

Deuteranomaly
59, 18.753, 311.547

Tritanomaly
59, 17.731, 339.358

Monochromacy



Original Color
59, 25.771, 325.649

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 9.617, 324.909

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 25.771, 325.649 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(168, 130, 168)` looks like.

```
.text, #text, p{  
    color:rgb(168, 130, 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(168, 130, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 130, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 25.771, 325.649 is called "border". The border property can be set on classes, ids or directly on the HTML element.

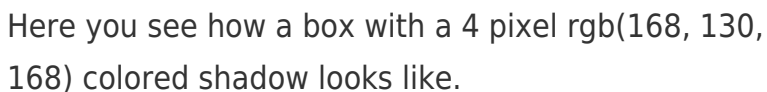
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 130, 168) }
```

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

```
.border{ border-color:rgb(168, 130, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 130, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 130, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 130, 168); box-shadow:4px 4px 4px 4px rgb(168, 130, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 25.771, 325.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 130, 168) }
```

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

```
.background{ background-color: rgb(168,  
130, 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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