

Converting Colors

CIELCh(59, 29.709, 325.264)

Have a look what the booklet for
CIELCh(59, 29.709, 325.264)
contains.

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Color

CIELCh(59, 29.517, 325.166)

Conversions

Conversions Part 1

Format	Color
Hex	AB80AC
RGB	171, 128, 172
RGB Percent	67%, 50%, 67%
CMY	0.3299, 0.4985, 0.3259
CMYK	0.01, 0.26, 0.00, 0.33
HSL	299°, 21%, 59%
HSV	299°, 26%, 67%
XYZ	31.9085, 27.0277, 42.5059
YIQ	145.8730, 11.5040, 22.8000

Conversions

Conversions Part 2

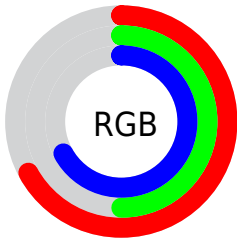
Format	Color
RYB	171, 128, 172
Decimal	11239596
CIELab	59.00, 24.23, -16.86
CIELCh	59, 29.517, 325.166
Yxy	27.0277, 0.3145, 0.2664
Android (android.graphics.Color)	4289429676 (0xFFAB80AC)
YUV	145.8730, 12.8806, 22.0364
Hunter-Lab	51.9882, 18.5776, -12.0841

Details

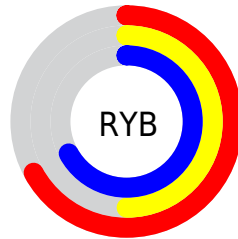
The CIELCh color $59, 29.517, 325.166$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $66, 29.475, 142.201$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 29.489, 325.545$, and $39, 29.810, 324.861$ is the 20% darker color. If you saturate the color by 10%, you get $55, 40.878, 325.669$, and if you desaturate by 10%, it is $63, 17.954, 324.642$.

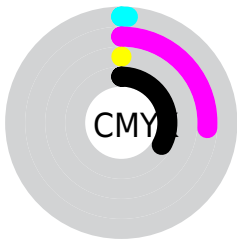
Distribution



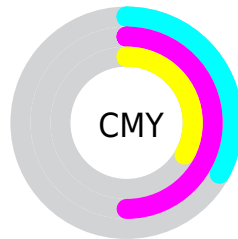
- Red (67%)
- Green (50%)
- Blue (67%)



- Red (67%)
- Yellow (50%)
- Blue (67%)



- Cyan (1%)
- Magenta (26%)
- Yellow (0%)
- Black (33%)




- Cyan (33%)
- Magenta (50%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 29.517, 325.166 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, 29.517, 325.166 by changing the saturation by 10% instead.

 59, 29.517,
325.166

 59, 29.517,
325.166


 100, 29.517,
325.166

 49, 29.517,
325.166


 79, 29.517,
325.166


 39, 29.517,
325.166


 89, 29.517,
325.166

 29, 29.517,
325.166

 99, 29.517,
325.166

 19, 29.517,
325.166

 9, 29.517, 325.166

 0, 29.517, 325.166

59, 29.517,
325.166

59, 29.517,
325.166

55, 40.878,
325.669

63, 17.954,
324.642

51, 51.749,
326.135

68, 6.406, 324.094

48, 61.753,
326.547

72, 4.985, 143.655

45, 70.456,
326.887

77, 16.128,
143.118

43, 77.431,
327.138

82, 26.972,
142.626

41, 82.355,
327.287

87, 37.492,
142.161


40, 85.162,
327.334

91, 47.679,
141.723

40, 86.075,

93, 51.567,
141.491

327.340

 93, 51.490,
141.381

Harmonies

Complementary

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



59, 29.517, 325.166



66, 29.475, 142.201

Rectangle

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



59, 29.517, 325.166



59, 29.517, 15.166



59, 29.517, 145.166



59, 29.517, 195.166

Sweetspot

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



59, 29.515, 325.166



85, 11.397, 324.239



55, 24.421, 291.863



44, 8.096, 324.320



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, 29.515, 325.166



73, 44.333, 325.469



58, 21.612, 344.089



34, 6.544, 324.303



35, 78.039, 327.350



2, 13.708, 323.543

Inverse Universe

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



58, 18.197, 19.604



71, 27.959, 20.321



67, 21.047, 159.675



34, 3.817, 18.067



31, 69.151, 38.537



2, 7.807, 17.860

Previews

White Background



This preview shows how the CIELCh color 59, 29.517, 325.166 looks on a white background.

Color Contrast Check

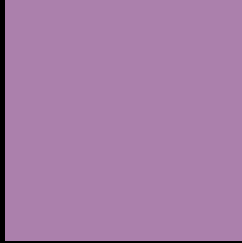
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.517, 325.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

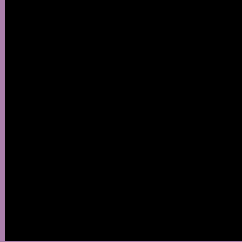
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 29.517, 325.166

Background



This preview shows how black text looks on a background with the CIELCh color 59, 29.517, 325.166.



This preview shows how white text looks on a background with the CIELCh color 59, 29.517, 325.166.

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, 29.517, 325.166

Protanopia

59, 22.775, 285.011

Deuteranopia

59, 17.679, 296.806



Tritanopia
59, 14.834, 356.358

Trichromacy



Original Color
59, 29.517, 325.166

Protanomaly
59, 24.190, 301.166

Deuteranomaly
59, 21.553, 310.040

Tritanomaly
59, 19.320, 339.301

Monochromacy



Original Color
59, 29.517, 325.166

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, 29.517, 325.166 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(171, 128, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 128, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 29.517, 325.166 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, 172) }
```

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

```
.border{ border-color:rgb(171, 128, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 128, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 128, 172);  
box-shadow:4px 4px 4px 4px rgb(171, 128,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 29.517, 325.166 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, 172) }
```

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

```
.background{ background-color: rgb(171,  
128, 172) }
```

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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