

Converting Colors

CIELCh(59, 36.122, 327.652)

Have a look what the booklet for
CIELCh(59, 36.122, 327.652)
contains.

CIELCh(59, 36.130, 327.641)	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, 36.130, 327.641)

Conversions

Conversions Part 1

Format	Color
Hex	B37BB0
RGB	179, 123, 176
RGB Percent	70%, 48%, 69%
CMY	0.2966, 0.5163, 0.3084
CMYK	0.00, 0.31, 0.02, 0.30
HSL	303°, 27%, 59%
HSV	303°, 31%, 70%
XYZ	33.6732, 27.0277, 44.7040
YIQ	145.7860, 16.3630, 28.3550

Conversions

Conversions Part 2

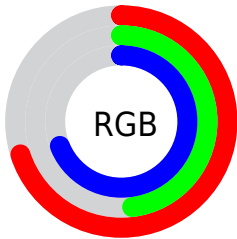
Format	Color
RYB	179, 123, 176
Decimal	11762608
CIELab	59.00, 30.52, -19.34
CIElCh	59, 36.130, 327.641
Yxy	27.0277, 0.3195, 0.2564
Android (android.graphics.Color)	4289952688 (0xFFB37BB0)
YUV	145.7860, 14.8955, 29.1287
Hunter-Lab	51.9882, 24.6366, -14.5910

Details

The CIELCh color $59, 36.130, 327.641$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $68, 36.125, 143.702$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 36.497, 327.730$, and $39, 35.911, 327.676$ is the 20% darker color. If you saturate the color by 10%, you get $55, 47.272, 328.180$, and if you desaturate by 10%, it is $63, 24.605, 327.084$.

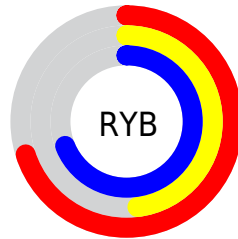
Distribution



Red (70%)

Green (48%)

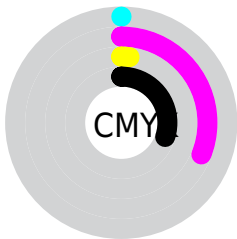
Blue (69%)



Red (70%)

Yellow (48%)

Blue (69%)

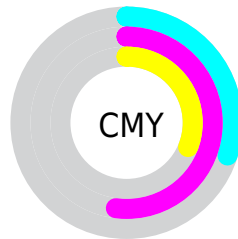


Cyan (0%)

Magenta (31%)

Yellow (2%)

Black (30%)



Cyan (30%)


Magenta (52%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 36.130, 327.641 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, 36.130, 327.641 by changing the saturation by 10% instead.


 59, 36.130,
327.641


 59, 36.130,
327.641


 100, 36.130,
327.641


 49, 36.130,
327.641


 79, 36.130,
327.641

 39, 36.130,
327.641

 89, 36.130,
327.641

 29, 36.130,
327.641

 99, 36.130,
327.641

 19, 36.130,
327.641

 9, 36.130, 327.641

 0, 36.130, 327.641

59, 36.130,
327.641

59, 36.130,
327.641

55, 47.272,
328.180

63, 24.605,
327.084

51, 57.683,
328.690

68, 12.973,
326.516

48, 66.929,
329.159

72, 1.419, 325.805

77, 9.934, 145.464

46, 74.552,
329.576

82, 21.011,
144.926

44, 80.162,
329.937

87, 31.773,
144.420

43, 83.556,
330.244

92, 42.203,
143.941

42, 85.098,
330.483

94, 45.407,
144.018

■ 94, 45.008,
144.377

Harmonies

Complementary

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



59, 36.130, 327.641



68, 36.125, 143.702

Rectangle

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



59, 36.130, 327.641



59, 36.130, 17.641



59, 36.130, 147.641



59, 36.130, 197.641

Sweetspot

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



59, 36.128, 327.641



87, 12.801, 326.396



54, 32.384, 295.629



46, 8.974, 326.479



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



59, 36.128, 327.641



72, 52.517, 327.988



58, 26.045, 349.494



35, 6.509, 326.405



36, 75.722, 330.453



3, 15.382, 326.703

Inverse Universe

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



59, 36.128, 327.641



72, 52.517, 327.988



69, 24.810, 163.473



35, 6.509, 326.405



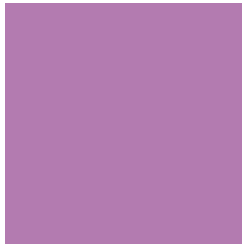
36, 75.722, 330.453



3, 15.382, 326.703

Previews

White Background



This preview shows how the CIELCh color 59, 36.130, 327.641 looks on a white background.

Color Contrast Check

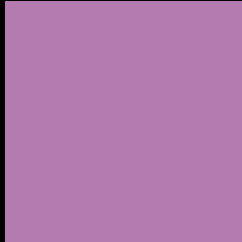
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.130, 327.641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

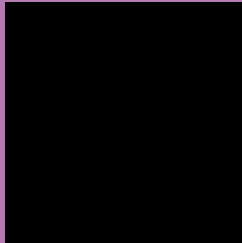
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 36.130, 327.641

Background



This preview shows how black text looks on a background with the CIELCh color 59, 36.130, 327.641.

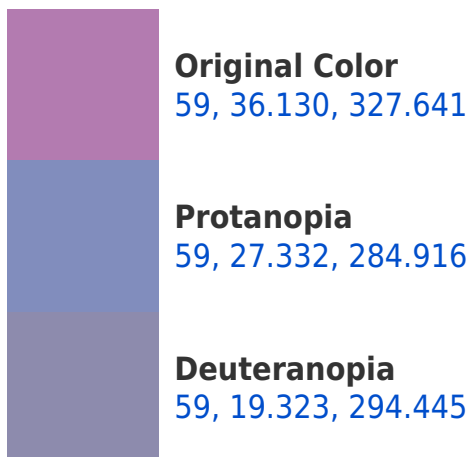



This preview shows how white text looks on a background with the CIELCh color 59, 36.130, 327.641.

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, 18.919, 4.286

Trichromacy



Original Color
59, 36.130, 327.641

Protanomaly
59, 28.225, 301.666

Deuteranomaly
59, 24.709, 311.395

Tritanomaly
59, 23.621, 345.577

Monochromacy



Original Color
59, 36.130, 327.641

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 13.226, 326.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 36.130, 327.641 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(179, 123, 176)` looks like.

```
.text, #text, p{  
    color:rgb(179, 123, 176)  
}
```

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(179, 123, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 123, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 36.130, 327.641 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(179, 123, 176) }
```

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

```
.border{ border-color:rgb(179, 123, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 123, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 123, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 123, 176); box-shadow:4px 4px 4px 4px rgb(179, 123, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 36.130, 327.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 123, 176) }
```

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

```
.background{ background-color: rgb(179,  
123, 176) }
```

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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