

Converting Colors

CIELCh(59, 49.459, 332.387)

Have a look what the booklet for
CIELCh(59, 49.459, 332.387)
contains.

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Color

CIELCh(59, 49.565, 332.404)

Conversions

Conversions Part 1

Format	Color
Hex	C670B7
RGB	198, 112, 183
RGB Percent	78%, 44%, 72%
CMY	0.2234, 0.5606, 0.2822
CMYK	0.00, 0.43, 0.08, 0.22
HSL	310°, 43%, 61%
HSV	310°, 43%, 78%
XYZ	37.6482, 27.0277, 48.0527
YIQ	145.8080, 28.4650, 40.3130

Conversions

Conversions Part 2

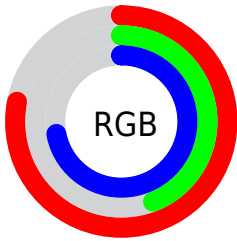
Format	Color
R_{YB}	198, 112, 183
Decimal	13004983
CIE _{Lab}	59.00, 43.93, -22.96
CIE _{LCh}	59, 49.565, 332.404
Yxy	27.0277, 0.3340, 0.2398
Android (android.graphics.Color)	4291195063 (0xFFC670B7)
YUV	145.8080, 18.3357, 45.7724
Hunter-Lab	51.9882, 38.2845, -18.4100

Details

The CIELCh color $59, 49.565, 332.404$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $73, 49.557, 146.035$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 49.165, 332.066$, and $39, 49.766, 332.191$ is the 20% darker color. If you saturate the color by 10%, you get $55, 59.743, 333.080$, and if you desaturate by 10%, it is $63, 38.542, 331.741$.

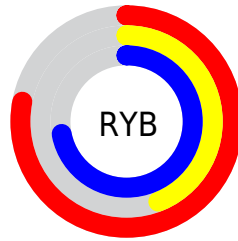
Distribution



Red (78%)

Green (44%)

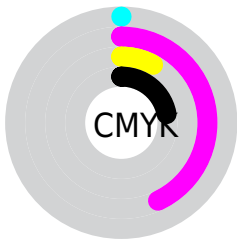
Blue (72%)



Red (78%)

Yellow (44%)

Blue (72%)

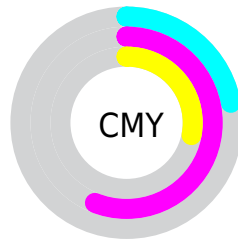


Cyan (0%)

Magenta (43%)

Yellow (8%)

Black (22%)



Cyan (22%)

Magenta (56%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 49.565, 332.404 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, 49.565, 332.404 by changing the saturation by 10% instead.


 59, 49.565,
332.404

 59, 49.565,
332.404

 100, 49.565,
332.404

 49, 49.565,
332.404

 79, 49.565,
332.404

 39, 49.565,
332.404

 89, 49.565,
332.404

 29, 49.565,
332.404

 99, 49.565,
332.404

 19, 49.565,
332.404

 9, 49.565, 332.404

 0, 49.565, 332.404

59, 49.565,
332.404

59, 49.565,
332.404

55, 59.743,
333.080

63, 38.542,
331.741

52, 68.600,
333.773

68, 27.079,
331.089

49, 75.627,
334.491

73, 15.471,
330.450

47, 80.404,
335.256

78, 3.924, 329.781

46, 82.755,
336.095


83, 7.431, 149.309

45, 83.342,
336.688

89, 18.514,
148.721

94, 29.284,
148.179

95, 30.518,
149.669

 95, 29.168,
151.885

Harmonies

Complementary

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



59, 49.565, 332.404



73, 49.557, 146.035

Rectangle

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



59, 49.565, 332.404



59, 49.565, 22.404



59, 49.565, 152.404



59, 49.565, 202.404

Sweetspot

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



59, 49.562, 332.404



92, 18.392, 330.435



52, 50.182, 300.936



48, 12.884, 330.578



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 49.562, 332.404



70, 71.514, 333.036



58, 37.376, 358.989



39, 6.543, 330.192



37, 72.329, 336.547



4, 22.963, 333.787

Inverse Universe

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



59, 49.562, 332.404



70, 71.514, 333.036



74, 33.369, 169.134



39, 6.543, 330.192



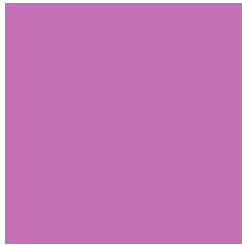
37, 72.329, 336.547



4, 22.963, 333.787

Previews

White Background



This preview shows how the CIELCh color 59, 49.565, 332.404 looks on a white background.

Color Contrast Check

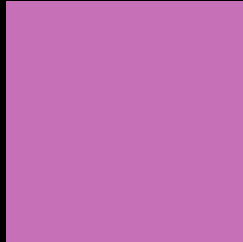
Large Text (above 18pt) WCAG AA ✓ Pass

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, 49.565, 332.404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

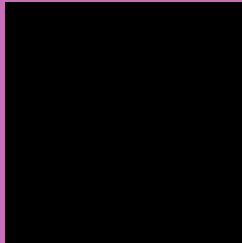
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 49.565, 332.404

Background



This preview shows how black text looks on a background with the CIELCh color 59, 49.565, 332.404.

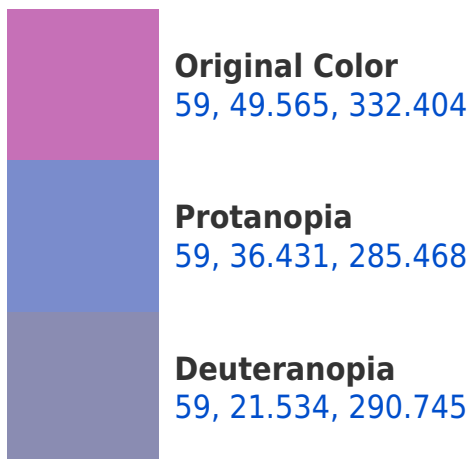


This preview shows how white text looks on a background with the CIELCh color 59, 49.565, 332.404.

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, 28.765, 12.763

Trichromacy



Original Color
59, 49.565, 332.404

Protanomaly
58, 38.237, 304.230

Deuteranomaly
59, 30.440, 313.690

Tritanomaly
59, 34.010, 351.936

Monochromacy



Original Color
59, 49.565, 332.404

Achromatopsia
61, 0.008, 296.813

Achromatomaly
59, 18.453, 331.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 49.565, 332.404 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(198, 112, 183)` looks like.

```
.text, #text, p{  
    color:rgb(198, 112, 183)  
}
```

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(198, 112, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 112, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 49.565, 332.404 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(198, 112, 183) }
```

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

```
.border{ border-color:rgb(198, 112, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 112, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 112, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 112, 183);  
box-shadow:4px 4px 4px 4px rgb(198, 112,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 49.565, 332.404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 112, 183) }
```

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

```
.background{ background-color: rgb(198,  
112, 183) }
```

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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