

Converting Colors

CIELCh(59, 48.765, 328.012)

Have a look what the booklet for
CIELCh(59, 48.765, 328.012)
contains.

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Color

CIELCh(59, 48.713, 328.079)

Conversions

Conversions Part 1

Format	Color
Hex	C073BC
RGB	192, 115, 188
RGB Percent	75%, 45%, 74%
CMY	0.2478, 0.5497, 0.2634
CMYK	0.00, 0.40, 0.02, 0.25
HSL	303°, 38%, 60%
HSV	303°, 40%, 75%
XYZ	36.8603, 27.0277, 50.7494
YIQ	146.3450, 22.4590, 39.0270

Conversions

Conversions Part 2

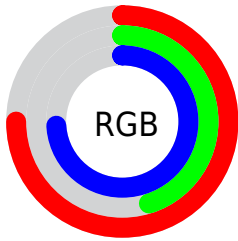
Format	Color
RYB	192, 115, 188
Decimal	12612540
CIELab	59.00, 41.35, -25.76
CIELCh	59, 48.713, 328.079
Yxy	27.0277, 0.3215, 0.2358
Android (android.graphics.Color)	4290802620 (0xFFC073BC)
YUV	146.3450, 20.5359, 40.0394
Hunter-Lab	51.9882, 35.5792, -21.4854

Details

The CIELCh color $59, 48.713, 328.079$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $71, 48.806, 142.787$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 48.360, 328.361$, and $39, 48.449, 328.339$ is the 20% darker color. If you saturate the color by 10%, you get $55, 59.804, 328.593$, and if you desaturate by 10%, it is $63, 36.875, 327.537$.

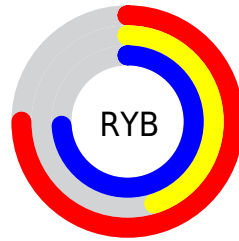
Distribution



Red (75%)

Green (45%)

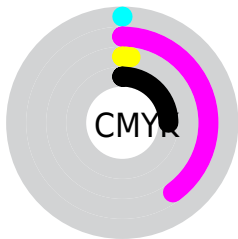
Blue (74%)



Red (75%)

Yellow (45%)

Blue (74%)

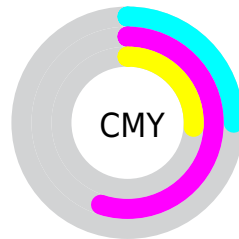


Cyan (0%)

Magenta (40%)

Yellow (2%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 48.713, 328.079 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, 48.713, 328.079 by changing the saturation by 10% instead.


 59, 48.713,
328.079


 59, 48.713,
328.079


 100, 48.713,
328.079

 49, 48.713,
328.079


 79, 48.713,
328.079


 39, 48.713,
328.079

 89, 48.713,
328.079

 29, 48.713,
328.079

 99, 48.713,
328.079

 19, 48.713,
328.079

 9, 48.713, 328.079

 0, 48.713, 328.079

59, 48.713,
328.079

59, 48.713,
328.079

55, 59.804,
328.593

63, 36.875,
327.537

52, 69.702,
329.065

68, 24.669,
326.977

49, 77.916,
329.485

73, 12.370,
326.405

47, 84.020,
329.847

78, 0.170, 324.333

46, 87.778,
330.154

83, 11.805,
145.350

45, 89.559,
330.416

88, 23.480,
144.816

93, 34.818,
144.311

95, 37.945,
144.466

■ 95, 37.531,
144.914

Harmonies

Complementary

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



59, 48.713, 328.079



71, 48.806, 142.787

Rectangle

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



59, 48.713, 328.079



59, 48.713, 18.079



59, 48.713, 148.079



59, 48.713, 198.079

Sweetspot

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



59, 48.711, 328.079



91, 18.177, 326.524



52, 44.791, 296.993



48, 12.062, 326.600



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



59, 48.711, 328.079



71, 71.191, 328.525



58, 35.390, 350.659



38, 6.975, 326.361



38, 78.578, 330.386



4, 23.081, 328.120

Inverse Universe

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



59, 48.711, 328.079



71, 71.191, 328.525



72, 33.280, 162.403



38, 6.975, 326.361



38, 78.578, 330.386



4, 23.081, 328.120

Previews

White Background



This preview shows how the CIELCh color 59, 48.713, 328.079 looks on a white background.

Color Contrast Check

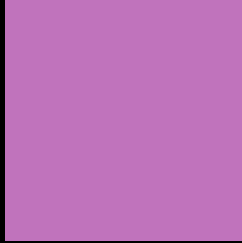
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.713, 328.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

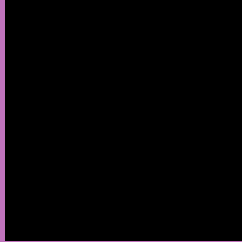
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 48.713, 328.079

Background



This preview shows how black text looks on a background with the CIELCh color 59, 48.713, 328.079.



This preview shows how white text looks on a background with the CIELCh color 59, 48.713, 328.079.

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, 48.713, 328.079

Protanopia
59, 38.151, 285.257

Deuteranopia
59, 24.400, 288.132



Tritanopia
59, 24.560, 10.433

Trichromacy



Original Color
59, 48.713, 328.079



Protanomaly
59, 39.630, 301.504



Deuteranomaly
59, 31.923, 308.619



Tritanomaly
59, 30.740, 347.402

Monochromacy



Original Color
59, 48.713, 328.079



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 18.175, 327.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 48.713, 328.079 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(192, 115, 188)` looks like.

```
.text, #text, p{  
    color:rgb(192, 115, 188)  
}
```

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(192, 115, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 115, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 48.713, 328.079 is called "border". The border property can be set on classes, ids or directly on the HTML element.

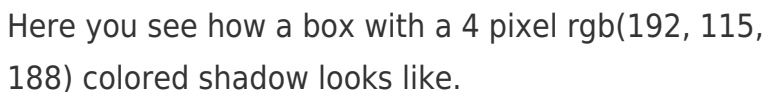
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 115, 188) }
```

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

```
.border{ border-color:rgb(192, 115, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 115, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 115, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 115, 188); box-shadow:4px 4px 4px 4px rgb(192, 115, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 48.713, 328.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 115, 188) }
```

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

```
.background{ background-color: rgb(192,  
115, 188) }
```

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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