

Converting Colors

CIELCh(64, 59.409, 349.020)

Have a look what the booklet for
CIELCh(64, 59.409, 349.020)
contains.

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Color

CIELCh(64, 59.759, 349.003)

Conversions

Conversions Part 1

Format	Color
Hex	F26CB1
RGB	242, 108, 177
RGB Percent	95%, 42%, 69%
CMY	0.0507, 0.5762, 0.3057
CMYK	0.00, 0.55, 0.27, 0.05
HSL	329°, 84%, 69%
HSV	329°, 55%, 95%
XYZ	49.9487, 32.8017, 45.3227
YIQ	155.9320, 57.7150, 49.8670

Conversions

Conversions Part 2

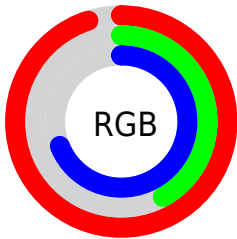
Format	Color
R _Y B	242, 108, 177
Decimal	15887537
CIE Lab	64.00, 58.66, -11.40
CIE LCh	64, 59.759, 349.003
Yxy	32.8017, 0.3900, 0.2561
Android (android.graphics.Color)	4294077617 (0xFFFF26CB1)
YUV	155.9320, 10.3865, 75.4816
Hunter-Lab	57.2727, 55.4461, -6.8281

Details

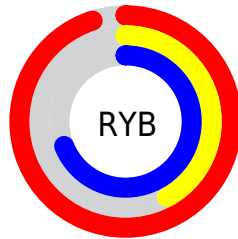
The CIELCh color $64, 59.759, 349.003$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $87, 56.865, 156.779$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 48.156, 334.500$, and $44, 59.637, 349.382$ is the 20% darker color. If you saturate the color by 10%, you get $60, 68.338, 350.816$, and if you desaturate by 10%, it is $69, 49.815, 347.507$.

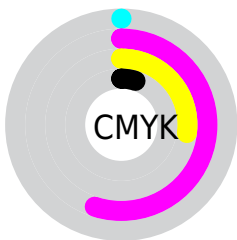
Distribution



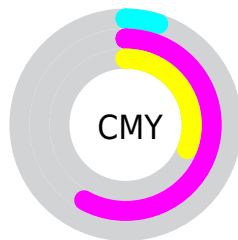
- Red (95%)
- Green (42%)
- Blue (69%)



- Red (95%)
- Yellow (42%)
- Blue (69%)



- Cyan (0%)
- Magenta (55%)
- Yellow (27%)
- Black (5%)





- Cyan (5%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 59.759, 349.003 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 64, 59.759, 349.003 by changing the saturation by 10% instead.

 64, 59.759,
349.003

 64, 59.759,
349.003


 100, 59.759,
349.003


 54, 59.759,
349.003


 84, 59.759,
349.003

 44, 59.759,
349.003

 94, 59.759,
349.003

 34, 59.759,
349.003

 24, 59.759,
349.003

 14, 59.759,
349.003

 4, 59.759, 349.003

 0, 59.759, 349.003

64, 59.759,
349.003

64, 59.759,
349.003

60, 68.338,
350.816

69, 49.815,
347.507

56, 74.987,
353.064

74, 39.069,
346.236

54, 79.276,
355.904

80, 27.959,
345.130

53, 81.170,
359.493

86, 16.800,
344.144

52, 81.563, 1.370

92, 5.795, 343.216

98, 4.935, 162.594

99, 4.462, 199.271

Harmonies

Complementary

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



64, 59.759, 349.003



87, 56.865, 156.779

Rectangle

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



64, 59.759, 349.003



64, 59.759, 39.003



64, 59.759, 169.003



64, 59.759, 219.003

Sweetspot

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



64, 59.756, 349.004



89, 19.431, 344.304



58, 77.237, 311.399



46, 13.021, 344.498



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 59.756, 349.004



63, 71.743, 350.983



62, 57.189, 25.269



47, 6.127, 343.600



40, 66.400, 0.572



8, 29.589, 354.426

Inverse Universe

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



64, 59.756, 349.004



63, 71.743, 350.983



88, 38.318, 195.209



47, 6.127, 343.600



40, 66.400, 0.572



8, 29.589, 354.426

Previews

White Background



This preview shows how the CIELCh color 64, 59.759, 349.003 looks on a white background.

Color Contrast Check

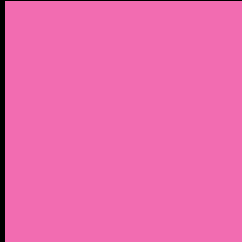
Large Text (above 18pt) WCAG AA × Fail

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 64, 59.759, 349.003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

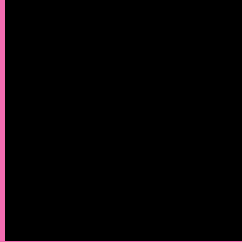
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 59.759, 349.003

Background



This preview shows how black text looks on a background with the CIELCh color 64, 59.759, 349.003.



This preview shows how white text looks on a background with the CIELCh color 64, 59.759, 349.003.

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
64, 59.759, 349.003

Protanopia
64, 30.264, 284.790

Deuteranopia
64, 11.716, 315.678



Tritanopia
64, 49.578, 20.329

Trichromacy



Original Color
64, 59.759, 349.003



Protanomaly
63, 36.467, 315.970



Deuteranomaly
63, 29.980, 337.885

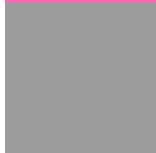


Tritanomaly
64, 51.056, 7.531

Monochromacy



Original Color
64, 59.759, 349.003



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 23.034, 344.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 59.759, 349.003 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(242, 108, 177)` looks like.

```
.text, #text, p{  
    color:rgb(242, 108, 177)  
}
```

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(242, 108, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 108, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 59.759, 349.003 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(242, 108, 177) }
```

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

```
.border{ border-color:rgb(242, 108, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 108, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 108, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 108, 177);  
box-shadow:4px 4px 4px 4px rgb(242, 108,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 59.759, 349.003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 108, 177) }
```

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

```
.background{ background-color: rgb(242,  
108, 177) }
```

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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