

Converting Colors

CIELCh(64, 59.678, 336.400)

Have a look what the booklet for
CIELCh(64, 59.678, 336.400)
contains.

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Color

CIELCh(64, 59.868, 336.149)

Conversions

Conversions Part 1

Format	Color
Hex	E472C7
RGB	228, 114, 199
RGB Percent	89%, 45%, 78%
CMY	0.1045, 0.5516, 0.2183
CMYK	0.00, 0.50, 0.13, 0.10
HSL	315°, 68%, 67%
HSV	315°, 50%, 90%
XYZ	48.5120, 32.8017, 58.0142
YIQ	157.7760, 40.6590, 50.6030

Conversions

Conversions Part 2

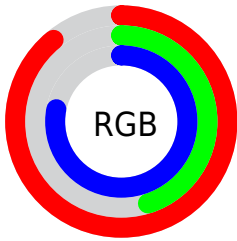
Format	Color
R _Y B	228, 114, 199
Decimal	14971591
CIE Lab	64.00, 54.76, -24.21
CIE LCh	64, 59.868, 336.149
Yxy	32.8017, 0.3482, 0.2354
Android (android.graphics.Color)	4293161671 (0xFFE472C7)
YUV	157.7760, 20.3234, 61.5864
Hunter-Lab	57.2727, 50.9683, -19.9667

Details

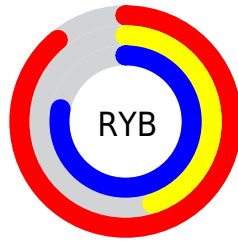
The CIELCh color $64, 59.868, 336.149$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $83, 59.733, 147.878$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 53.712, 326.276$, and $44, 60.005, 336.057$ is the 20% darker color. If you saturate the color by 10%, you get $60, 69.807, 337.029$, and if you desaturate by 10%, it is $69, 48.665, 335.333$.

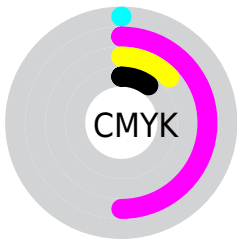
Distribution



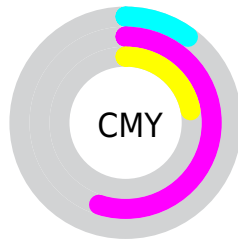
- Red (89%)
- Green (45%)
- Blue (78%)



- Red (89%)
- Yellow (45%)
- Blue (78%)



- Cyan (0%)
- Magenta (50%)
- Yellow (13%)
- Black (10%)




- Cyan (10%)
- Magenta (55%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 59.868, 336.149 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, 59.868, 336.149 by changing the saturation by 10% instead.

 64, 59.868,
336.149

 64, 59.868,
336.149


 100, 59.868,
336.149


 54, 59.868,
336.149


 84, 59.868,
336.149

 44, 59.868,
336.149

 94, 59.868,
336.149

 34, 59.868,
336.149

 24, 59.868,
336.149

 14, 59.868,
336.149

 4, 59.868, 336.149

 0, 59.868, 336.149

64, 59.868,
336.149

64, 59.868,
336.149

60, 69.807,
337.029

69, 48.665,
335.333

56, 77.909,
337.999

74, 36.723,
334.565

54, 83.632,
339.100

79, 24.444,
333.835

52, 86.663,
340.385

85, 12.114,
333.131

51, 87.324,
341.889

91, 0.075, 157.289

51, 87.326,
341.900

97, 12.007,
151.916

98, 12.119,
159.643

98, 10.399,
172.068

Harmonies

Complementary

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



64, 59.868, 336.149



83, 59.733, 147.878

Rectangle

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



64, 59.868, 336.149



64, 59.868, 26.149



64, 59.868, 156.149



64, 59.868, 206.149

Sweetspot

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



64, 59.865, 336.149



90, 20.076, 333.492



56, 65.655, 304.174



47, 13.711, 333.642



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, 59.865, 336.149



66, 76.309, 337.069



62, 47.378, 6.451



45, 6.954, 333.098



40, 72.839, 341.621



8, 31.404, 339.070

Inverse Universe

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



64, 59.865, 336.149



66, 76.309, 337.069



84, 39.472, 174.241



45, 6.954, 333.098



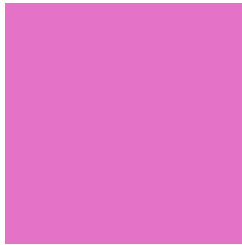
40, 72.839, 341.621



8, 31.404, 339.070

Previews

White Background



This preview shows how the CIELCh color 64, 59.868, 336.149 looks on a white background.

Color Contrast Check

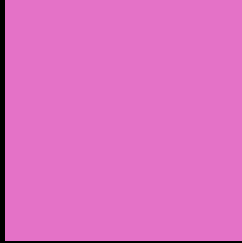
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 64, 59.868, 336.149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

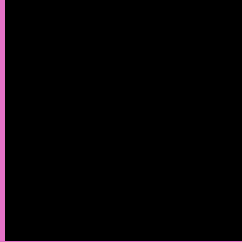
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 59.868, 336.149

Background



This preview shows how black text looks on a background with the CIELCh color 64, 59.868, 336.149.

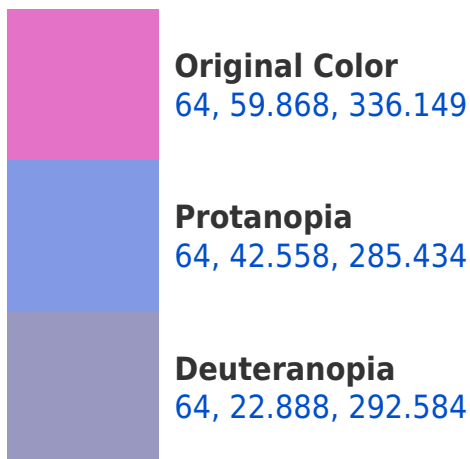


This preview shows how white text looks on a background with the CIELCh color 64, 59.868, 336.149.

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
64, 38.802, 16.581

Trichromacy



Original Color
64, 59.868, 336.149



Protanomaly
63, 45.219, 305.723



Deuteranomaly
63, 35.200, 318.138

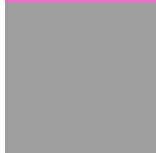


Tritanomaly
64, 43.394, 357.024

Monochromacy



Original Color
64, 59.868, 336.149



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 23.382, 334.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 59.868, 336.149 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(228, 114, 199)` looks like.

```
.text, #text, p{  
    color:rgb(228, 114, 199)  
}
```

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(228, 114, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 114, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 59.868, 336.149 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(228, 114, 199) }
```

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

```
.border{ border-color:rgb(228, 114, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 114, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 114, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 114, 199);  
box-shadow:4px 4px 4px 4px rgb(228, 114,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 59.868, 336.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 114, 199) }
```

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

```
.background{ background-color: rgb(228,  
114, 199) }
```

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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