

Converting Colors

CIELCh(64, 52.626, 339.134)

Have a look what the booklet for
CIELCh(64, 52.626, 339.134)
contains.

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Color

CIELCh(64, 52.626, 339.134)

Conversions

Conversions Part 1

Format	Color
Hex	E078BE
RGB	224, 120, 190
RGB Percent	88%, 47%, 75%
CMY	0.1234, 0.5311, 0.2566
CMYK	0.00, 0.47, 0.15, 0.12
HSL	320°, 62%, 67%
HSV	320°, 47%, 88%
XYZ	46.5076, 32.8017, 52.3448
YIQ	159.0760, 39.5140, 43.8180

Conversions

Conversions Part 2

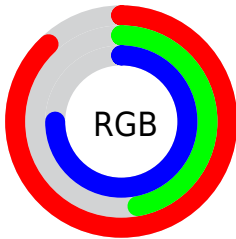
Format	Color
R _Y B	224, 120, 190
Decimal	14710974
CIE Lab	64.00, 49.17, -18.74
CIE LCh	64, 52.626, 339.134
Yxy	32.8017, 0.3533, 0.2492
Android (android.graphics.Color)	4292901054 (0xFFE078BE)
YUV	159.0760, 15.2455, 56.9383
Hunter-Lab	57.2727, 44.7214, -14.0976

Details

The CIELCh color $64, 52.626, 339.134$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $81, 51.937, 151.021$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 46.383, 329.520$, and $44, 52.748, 339.070$ is the 20% darker color. If you saturate the color by 10%, you get $60, 62.478, 340.170$, and if you desaturate by 10%, it is $69, 41.786, 338.203$.

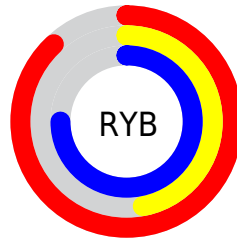
Distribution



Red (88%)

Green (47%)

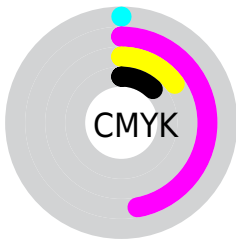
Blue (75%)



Red (88%)

Yellow (47%)

Blue (75%)

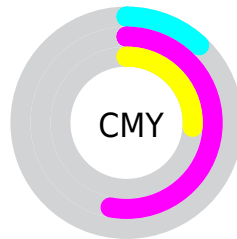


Cyan (0%)

Magenta (47%)

Yellow (15%)

Black (12%)



Cyan (12%)


Magenta (53%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 52.626, 339.134 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, 52.626, 339.134 by changing the saturation by 10% instead.


 64, 52.626,
339.134


 64, 52.626,
339.134


 100, 52.626,
339.134


 54, 52.626,
339.134


 84, 52.626,
339.134

 44, 52.626,
339.134

 94, 52.626,
339.134

 34, 52.626,
339.134

 24, 52.626,
339.134

 14, 52.626,
339.134

 4, 52.626, 339.134

 0, 52.626, 339.134

64, 52.626,
339.134

64, 52.626,
339.134

60, 62.478,
340.170

69, 41.786,
338.203

56, 70.799,
341.350

74, 30.425,
337.350

53, 77.026,
342.734

80, 18.881,
336.556

51, 80.748,
344.402

85, 7.387, 335.792

50, 81.914,
346.444

91, 3.911, 155.253

49, 82.003,
347.221

97, 14.926,
154.538

97, 13.235,
165.118

98, 11.427,
180.473

■ 98, 10.652,
198.795

Harmonies

Complementary

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



64, 52.626, 339.134



81, 51.937, 151.021

Rectangle

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



64, 52.626, 339.134



64, 52.626, 29.134



64, 52.626, 159.134



64, 52.626, 209.134

Sweetspot

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



64, 52.623, 339.135



91, 17.793, 336.372



57, 59.971, 305.792



47, 12.301, 336.538



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, 52.623, 339.135



68, 68.918, 340.159



62, 43.036, 10.756



44, 6.483, 336.018



39, 68.787, 346.818



7, 28.894, 342.971

Inverse Universe

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



64, 52.623, 339.135



68, 68.918, 340.159



83, 34.787, 180.051



44, 6.483, 336.018



39, 68.787, 346.818



7, 28.894, 342.971

Previews

White Background



This preview shows how the CIELCh color 64, 52.626, 339.134 looks on a white background.

Color Contrast Check

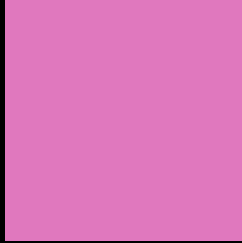
Large Text (above 18pt) WCAG AA × Fail

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, 52.626, 339.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

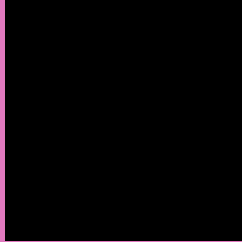
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 52.626, 339.134

Background



This preview shows how black text looks on a background with the CIELCh color 64, 52.626, 339.134.

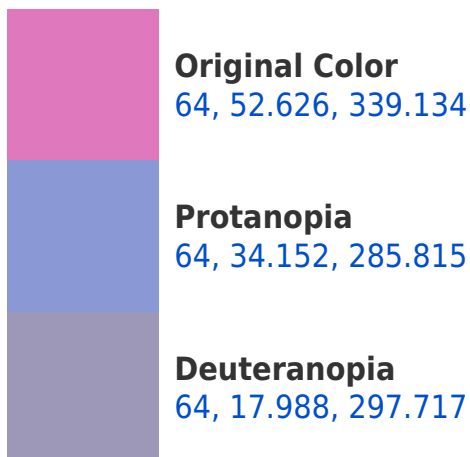


This preview shows how white text looks on a background with the CIELCh color 64, 52.626, 339.134.

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, 36.230, 14.852

Trichromacy



Original Color
64, 52.626, 339.134



Protanomaly
63, 37.191, 308.521



Deuteranomaly
63, 29.713, 322.640



Tritanomaly
64, 40.150, 358.417

Monochromacy



Original Color
64, 52.626, 339.134



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 19.746, 336.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 52.626, 339.134 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(224, 120, 190)` looks like.

```
.text, #text, p{  
    color:rgb(224, 120, 190)  
}
```

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(224, 120, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 120, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 52.626, 339.134 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(224, 120, 190) }
```

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

```
.border{ border-color:rgb(224, 120, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 120, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 120, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 120, 190);  
box-shadow:4px 4px 4px 4px rgb(224, 120,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 52.626, 339.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 120, 190) }
```

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

```
.background{ background-color: rgb(224,  
120, 190) }
```

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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