

Converting Colors

CIELCh(64, 46.058, 335.869)

Have a look what the booklet for
CIELCh(64, 46.058, 335.869)
contains.

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Color

CIELCh(64, 45.507, 336.010)

Conversions

Conversions Part 1

Format	Color
Hex	D47FBD
RGB	212, 127, 189
RGB Percent	83%, 50%, 74%
CMY	0.1691, 0.5023, 0.2592
CMYK	0.00, 0.40, 0.11, 0.17
HSL	316°, 50%, 66%
HSV	316°, 40%, 83%
XYZ	43.8684, 32.8017, 52.1022
YIQ	159.4830, 30.7580, 37.3020

Conversions

Conversions Part 2

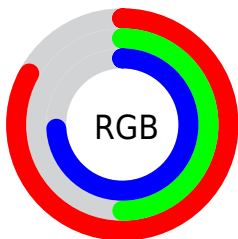
Format	Color
R _Y B	212, 127, 189
Decimal	13926333
CIE Lab	64.00, 41.58, -18.50
CIE LCh	64, 45.507, 336.010
Yxy	32.8017, 0.3407, 0.2547
Android (android.graphics.Color)	4292116413 (0xFFD47FBD)
YUV	159.4830, 14.5519, 46.0574
Hunter-Lab	57.2727, 36.4958, -13.8465

Details

The CIELCh color $64, 45.507, 336.010$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $78, 45.137, 149.674$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 42.288, 330.123$, and $44, 45.818, 335.873$ is the 20% darker color. If you saturate the color by 10%, you get $60, 55.945, 336.854$, and if you desaturate by 10%, it is $69, 34.381, 335.222$.

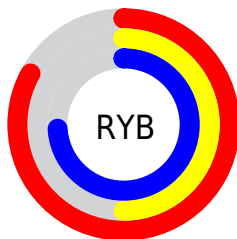
Distribution



Red (83%)

Green (50%)

Blue (74%)



Red (83%)

Yellow (50%)

Blue (74%)

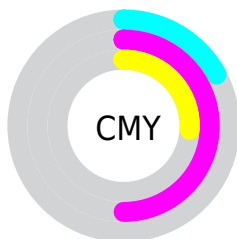


Cyan (0%)

Magenta (40%)

Yellow (11%)

Black (17%)



Cyan (17%)


Magenta (50%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 45.507, 336.010 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, 45.507, 336.010 by changing the saturation by 10% instead.


 64, 45.507,
336.010


 64, 45.507,
336.010


 100, 45.507,
336.010


 54, 45.507,
336.010


 84, 45.507,
336.010

 44, 45.507,
336.010

 94, 45.507,
336.010

 34, 45.507,
336.010

 24, 45.507,
336.010

 14, 45.507,
336.010

 4, 45.507, 336.010

 0, 45.507, 336.010

64, 45.507,
336.010

64, 45.507,
336.010

60, 55.945,
336.854

69, 34.381,
335.222

56, 65.223,
337.771

74, 22.948,
334.478

52, 72.795,
338.793

79, 11.473,
333.764

50, 78.159,
339.963

85, 0.131, 330.501

48, 81.012,
341.342


90, 10.972,
152.537

47, 81.703,
342.942

96, 21.775,
151.930

96, 20.233,
157.167

97, 18.312,
163.836

 97, 16.670,
171.899

Harmonies

Complementary

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



64, 45.507, 336.010



78, 45.137, 149.674

Rectangle

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



64, 45.507, 336.010



64, 45.507, 26.010



64, 45.507, 156.010



64, 45.507, 206.010

Sweetspot

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



64, 45.504, 336.010



92, 15.850, 333.907



58, 48.917, 303.650



48, 10.522, 334.001



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, 45.504, 336.010



72, 62.488, 336.715



63, 35.451, 5.724



42, 6.495, 333.715



38, 69.785, 342.662



6, 27.021, 339.454

Inverse Universe

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



64, 45.504, 336.010



72, 62.488, 336.715



79, 30.407, 176.753



42, 6.495, 333.715



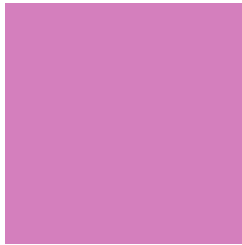
38, 69.785, 342.662



6, 27.021, 339.454

Previews

White Background



This preview shows how the CIELCh color 64, 45.507, 336.010 looks on a white background.

Color Contrast Check

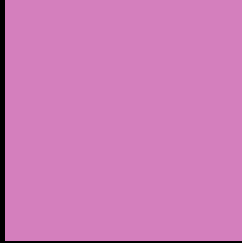
Large Text (above 18pt) WCAG AA × Fail

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, 45.507, 336.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

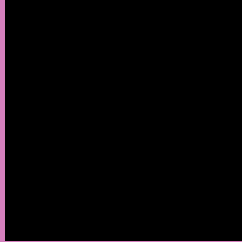
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 45.507, 336.010

Background



This preview shows how black text looks on a background with the CIELCh color 64, 45.507, 336.010.

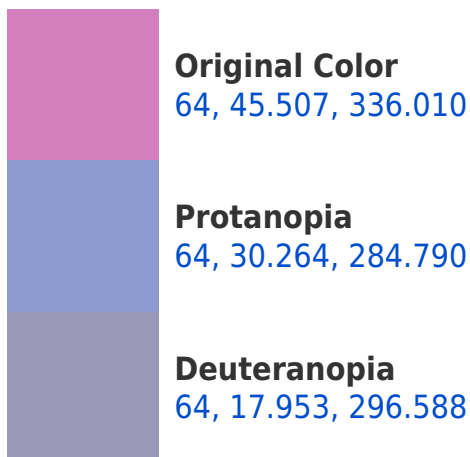


This preview shows how white text looks on a background with the CIELCh color 64, 45.507, 336.010.

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, 29.097, 11.734

Trichromacy



Original Color
64, 45.507, 336.010



Protanomaly
64, 32.889, 306.613



Deuteranomaly
64, 26.895, 318.822

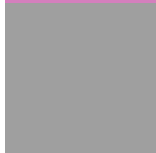


Tritanomaly
64, 33.256, 354.579

Monochromacy



Original Color
64, 45.507, 336.010



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 17.380, 333.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 45.507, 336.010 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(212, 127, 189)` looks like.

```
.text, #text, p{  
    color:rgb(212, 127, 189)  
}
```

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(212, 127, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 127, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 45.507, 336.010 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(212, 127, 189) }
```

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

```
.border{ border-color:rgb(212, 127, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 127, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 127, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 127, 189);  
box-shadow:4px 4px 4px 4px rgb(212, 127,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 45.507, 336.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 127, 189) }
```

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

```
.background{ background-color: rgb(212,  
127, 189) }
```

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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