

Converting Colors

CIELCh(64, 50.198, 334.761)

Have a look what the booklet for
CIELCh(64, 50.198, 334.761)
contains.

CIELCh(64, 49.976, 334.894)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(64, 49.976, 334.894)

Conversions

Conversions Part 1

Format	Color
Hex	D87CC2
RGB	216, 124, 194
RGB Percent	85%, 49%, 76%
CMY	0.1539, 0.5146, 0.2402
CMYK	0.00, 0.43, 0.10, 0.15
HSL	314°, 54%, 67%
HSV	314°, 43%, 85%
XYZ	45.1332, 32.8017, 54.8494
YIQ	159.4880, 32.3620, 41.2740

Conversions

Conversions Part 2

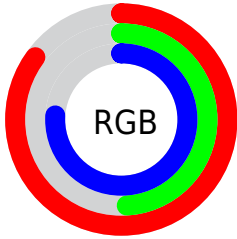
Format	Color
R _Y B	216, 124, 194
Decimal	14187714
CIE Lab	64.00, 45.25, -21.20
CIE LCh	64, 49.976, 334.894
Yxy	32.8017, 0.3399, 0.2470
Android (android.graphics.Color)	4292377794 (0xFFD87CC2)
YUV	159.4880, 17.0144, 49.5610
Hunter-Lab	57.2727, 40.4379, -16.6904

Details

The CIELCh color $64, 49.976, 334.894$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $79, 49.743, 148.254$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 45.931, 327.568$, and $44, 49.629, 334.886$ is the 20% darker color. If you saturate the color by 10%, you get $60, 60.512, 335.691$, and if you desaturate by 10%, it is $69, 38.601, 334.141$.

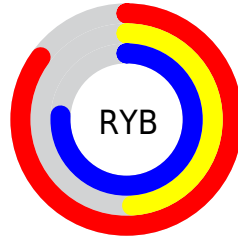
Distribution



Red (85%)

Green (49%)

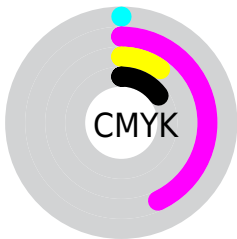
Blue (76%)



Red (85%)

Yellow (49%)

Blue (76%)

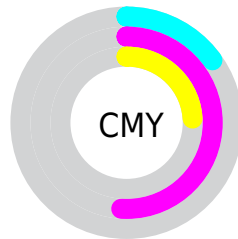


Cyan (0%)

Magenta (43%)

Yellow (10%)

Black (15%)



Cyan (15%)

Magenta (51%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 49.976, 334.894 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, 49.976, 334.894 by changing the saturation by 10% instead.

 64, 49.976,
334.894


 64, 49.976,
334.894

 100, 49.976,
334.894

 54, 49.976,
334.894


 84, 49.976,
334.894

 44, 49.976,
334.894

 94, 49.976,
334.894

 34, 49.976,
334.894

 24, 49.976,
334.894

 14, 49.976,
334.894

 4, 49.976, 334.894

 0, 49.976, 334.894

64, 49.976,
334.894

64, 49.976,
334.894

60, 60.512,
335.691

69, 38.601,
334.141

56, 69.704,
336.546

74, 26.809,
333.421

53, 76.994,
337.483

79, 14.902,
332.728

51, 81.910,
338.541

85, 3.085, 331.990

90, 8.513, 151.521

49, 84.234,
339.772

96, 19.818,
150.910

49, 84.641,
340.793

97, 18.952,
155.628

97, 17.172,
161.869

■ 97, 15.622,
169.411

Harmonies

Complementary

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



64, 49.976, 334.894



79, 49.743, 148.254

Rectangle

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



64, 49.976, 334.894



64, 49.976, 24.894



64, 49.976, 154.894



64, 49.976, 204.894

Sweetspot

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



64, 49.973, 334.894



92, 17.570, 332.762



57, 52.891, 302.878



48, 12.310, 332.915



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, 49.973, 334.894



70, 67.344, 335.597



63, 38.597, 3.713



42, 6.643, 332.508



38, 71.321, 340.542



6, 27.642, 337.797

Inverse Universe

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



64, 49.973, 334.894



70, 67.344, 335.597



80, 33.370, 173.917



42, 6.643, 332.508



38, 71.321, 340.542



6, 27.642, 337.797

Previews

White Background



This preview shows how the CIELCh color 64, 49.976, 334.894 looks on a white background.

Color Contrast Check

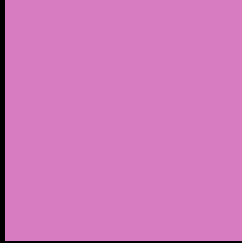
Large Text (above 18pt) WCAG AA × Fail

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, 49.976, 334.894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

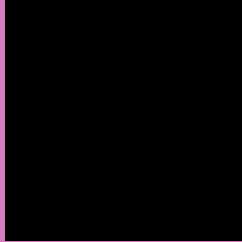
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 49.976, 334.894

Background



This preview shows how black text looks on a background with the CIELCh color 64, 49.976, 334.894.

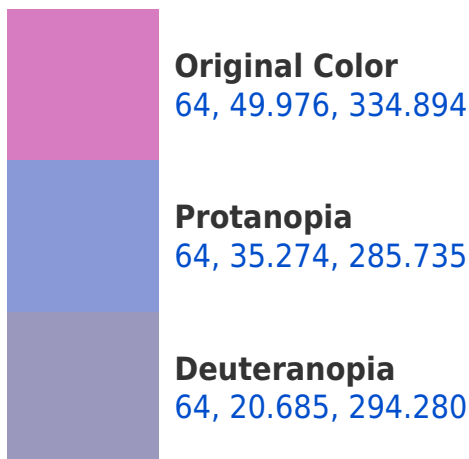


This preview shows how white text looks on a background with the CIELCh color 64, 49.976, 334.894.

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](#).

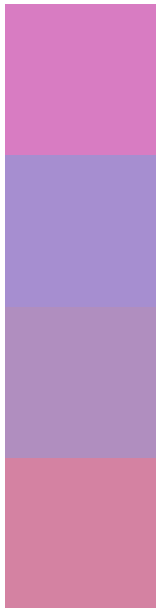
Dichromacy





Tritanopia
64, 31.192, 12.751

Trichromacy



Original Color
64, 49.976, 334.894

Protanomaly
63, 37.934, 306.100

Deuteranomaly
64, 30.030, 316.625

Tritanomaly
64, 35.952, 354.346

Monochromacy



Original Color
64, 49.976, 334.894

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 19.341, 333.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 49.976, 334.894 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(216, 124, 194)` looks like.

```
.text, #text, p{  
    color:rgb(216, 124, 194)  
}
```

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(216, 124, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 124, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 49.976, 334.894 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(216, 124, 194) }
```

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

```
.border{ border-color:rgb(216, 124, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 124, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 124, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 124, 194);  
box-shadow:4px 4px 4px 4px rgb(216, 124,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 49.976, 334.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 124, 194) }
```

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

```
.background{ background-color: rgb(216,  
124, 194) }
```

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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