

Converting Colors

CIELCh(64, 41.327, 346.199)

Have a look what the booklet for
CIELCh(64, 41.327, 346.199)
contains.

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Color

CIELCh(64, 41.453, 345.781)

Conversions

Conversions Part 1

Format	Color
Hex	D77FAE
RGB	215, 127, 174
RGB Percent	84%, 50%, 68%
CMY	0.1558, 0.5009, 0.3166
CMYK	0.00, 0.41, 0.19, 0.16
HSL	328°, 53%, 67%
HSV	328°, 41%, 84%
XYZ	43.3957, 32.8017, 44.2232
YIQ	158.6700, 37.3610, 33.2730

Conversions

Conversions Part 2

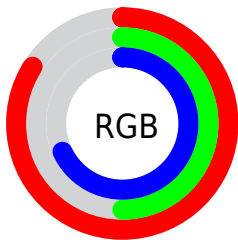
Format	Color
R _Y B	215, 127, 174
Decimal	14122926
CIE Lab	64.00, 40.18, -10.18
CIE LCh	64, 41.453, 345.781
Yxy	32.8017, 0.3604, 0.2724
Android (android.graphics.Color)	4292313006 (0xFFD77FAE)
YUV	158.6700, 7.5577, 49.4014
Hunter-Lab	57.2727, 35.0225, -5.6899

Details

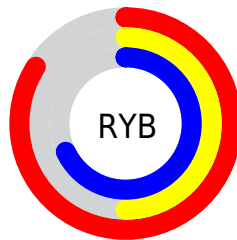
The CIELCh color $64, 41.453, 345.781$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $80, 39.846, 157.871$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 36.454, 338.696$, and $44, 41.602, 345.289$ is the 20% darker color. If you saturate the color by 10%, you get $59, 50.962, 347.101$, and if you desaturate by 10%, it is $69, 31.392, 344.641$.

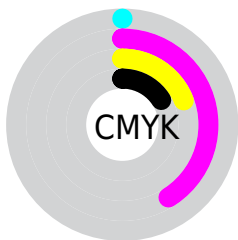
Distribution



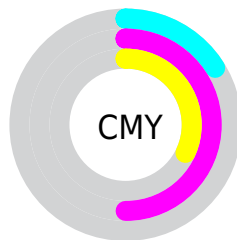
- Red (84%)
- Green (50%)
- Blue (68%)



- Red (84%)
- Yellow (50%)
- Blue (68%)



- Cyan (0%)
- Magenta (41%)
- Yellow (19%)
- Black (16%)





- Cyan (16%)
- Magenta (50%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 41.453, 345.781 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, 41.453, 345.781 by changing the saturation by 10% instead.


 64, 41.453,
345.781


 64, 41.453,
345.781


 100, 41.453,
345.781


 54, 41.453,
345.781


 84, 41.453,
345.781

 44, 41.453,
345.781

 94, 41.453,
345.781

 34, 41.453,
345.781

 24, 41.453,
345.781

 14, 41.453,
345.781

 4, 41.453, 345.781

 0, 41.453, 345.781

64, 41.453,
345.781

64, 41.453,
345.781

59, 50.962,
347.101

69, 31.392,
344.641

55, 59.470,
348.665

74, 21.134,
343.632

52, 66.447,
350.570

80, 10.914,
342.714

49, 71.414,
352.946

86, 0.883, 341.464

48, 74.126,
355.945


91, 8.876, 161.236

47, 75.029,
359.246

97, 17.481,
161.426

97, 14.700,
177.031

97, 13.341,
197.566

 97, 13.322,
198.616

Harmonies

Complementary

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



64, 41.453, 345.781



80, 39.846, 157.871

Rectangle

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



64, 41.453, 345.781



64, 41.453, 35.781



64, 41.453, 165.781



64, 41.453, 215.781

Sweetspot

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



64, 41.450, 345.782



92, 13.822, 342.823



60, 51.334, 309.527



48, 9.181, 342.942



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, 41.450, 345.782



70, 56.437, 346.901



63, 36.631, 19.752



42, 5.658, 342.583



37, 63.275, 358.563



5, 23.900, 351.948

Inverse Universe

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



64, 41.450, 345.782



70, 56.437, 346.901



81, 28.167, 192.620



42, 5.658, 342.583



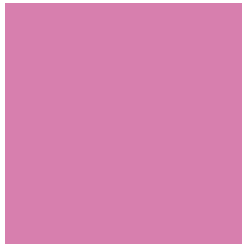
37, 63.275, 358.563



5, 23.900, 351.948

Previews

White Background



This preview shows how the CIELCh color 64, 41.453, 345.781 looks on a white background.

Color Contrast Check

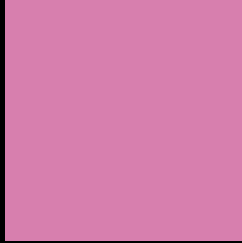
Large Text (above 18pt) WCAG AA × Fail

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, 41.453, 345.781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

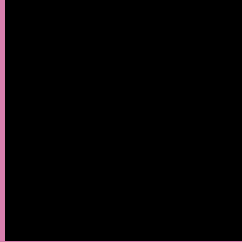
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 41.453, 345.781

Background



This preview shows how black text looks on a background with the CIELCh color 64, 41.453, 345.781.

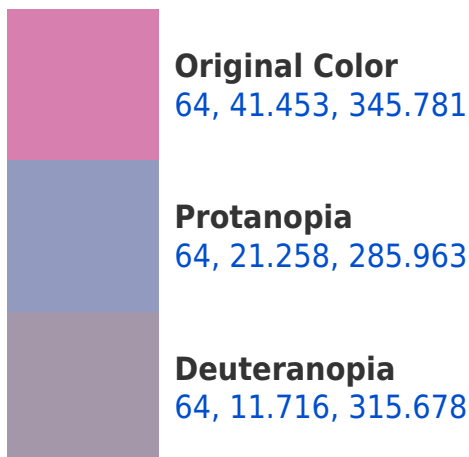


This preview shows how white text looks on a background with the CIELCh color 64, 41.453, 345.781.

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, 32.447, 13.314

Trichromacy



Original Color
64, 41.453, 345.781

Protanomaly
64, 25.649, 315.618

Deuteranomaly
64, 22.744, 334.538

Tritanomaly
64, 34.492, 1.974

Monochromacy



Original Color
64, 41.453, 345.781

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 15.827, 341.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 41.453, 345.781 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(215, 127, 174)` looks like.

```
.text, #text, p{  
    color:rgb(215, 127, 174)  
}
```

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(215, 127, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 127, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 41.453, 345.781 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(215, 127, 174) }
```

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

```
.border{ border-color:rgb(215, 127, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 127, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 127, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 127, 174);  
box-shadow:4px 4px 4px 4px rgb(215, 127,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 41.453, 345.781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 127, 174) }
```

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

```
.background{ background-color: rgb(215,  
127, 174) }
```

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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