

Converting Colors

CIELCh(64, 45.349, 344.709)

Have a look what the booklet for
CIELCh(64, 45.349, 344.709)
contains.

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Color

CIELCh(64, 45.395, 345.105)

Conversions

Conversions Part 1

Format	Color
Hex	DC7CB1
RGB	220, 124, 177
RGB Percent	86%, 49%, 69%
CMY	0.1373, 0.5137, 0.3059
CMYK	0.00, 0.44, 0.20, 0.14
HSL	327°, 58%, 67%
HSV	327°, 44%, 86%
XYZ	44.6542, 32.8017, 45.5683
YIQ	158.7460, 40.2030, 36.8350

Conversions

Conversions Part 2

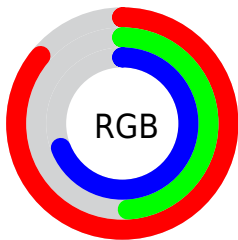
Format	Color
RYB	220, 124, 177
Decimal	14449841
CIELab	64.00, 43.87, -11.67
CIELCh	64, 45.395, 345.105
Yxy	32.8017, 0.3630, 0.2666
Android (android.graphics.Color)	4292639921 (0xFFDC7CB1)
YUV	158.7460, 8.9992, 53.7198
Hunter-Lab	57.2727, 38.9451, -7.0824

Details

The CIELCh color $64, 45.395, 345.105$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $81, 43.763, 156.644$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 39.653, 335.887$, and $44, 45.146, 345.452$ is the 20% darker color. If you saturate the color by 10%, you get $59, 54.899, 346.434$, and if you desaturate by 10%, it is $69, 35.185, 343.958$.

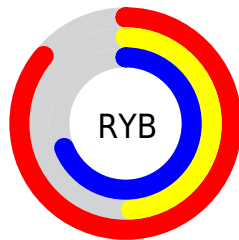
Distribution



Red (86%)

Green (49%)

Blue (69%)



Red (86%)

Yellow (49%)

Blue (69%)

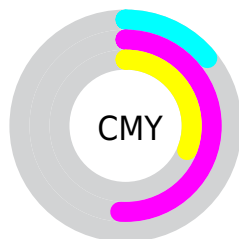


Cyan (0%)

Magenta (44%)

Yellow (20%)

Black (14%)



Cyan (14%)


Magenta (51%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 45.395, 345.105 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, 45.395, 345.105 by changing the saturation by 10% instead.


 64, 45.395,
345.105


 64, 45.395,
345.105


 100, 45.395,
345.105


 54, 45.395,
345.105


 84, 45.395,
345.105

 44, 45.395,
345.105

 94, 45.395,
345.105

 34, 45.395,
345.105

 24, 45.395,
345.105

 14, 45.395,
345.105

 4, 45.395, 345.105

 0, 45.395, 345.105

64, 45.395,
345.105

64, 45.395,
345.105

59, 54.899,
346.434

69, 35.185,
343.958

55, 63.209,
348.013

74, 24.671,
342.944

52, 69.776,
349.941

80, 14.126,
342.025

50, 74.152,
352.349

86, 3.728, 341.121

48, 76.188,
355.382

91, 6.416, 160.544

48, 76.632,
357.616

97, 15.666,
160.471

97, 12.936,
177.704

98, 11.805,
198.717

Harmonies

Complementary

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



64, 45.395, 345.105



81, 43.763, 156.644

Rectangle

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



64, 45.395, 345.105



64, 45.395, 35.105



64, 45.395, 165.105



64, 45.395, 215.105

Sweetspot

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



64, 45.392, 345.106



92, 15.174, 341.979



60, 55.817, 309.174



47, 10.640, 342.176



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, 45.392, 345.106



69, 60.156, 346.263



63, 39.975, 19.013



43, 5.841, 341.657



37, 64.305, 356.961



6, 25.668, 350.776

Inverse Universe

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



64, 45.392, 345.106



69, 60.156, 346.263



82, 30.434, 190.844



43, 5.841, 341.657



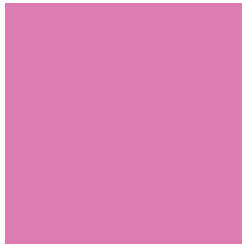
37, 64.305, 356.961



6, 25.668, 350.776

Previews

White Background



This preview shows how the CIELCh color 64, 45.395, 345.105 looks on a white background.

Color Contrast Check

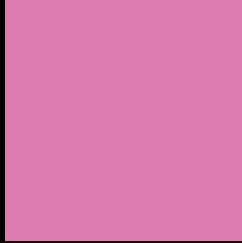
Large Text (above 18pt) WCAG AA × Fail

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, 45.395, 345.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

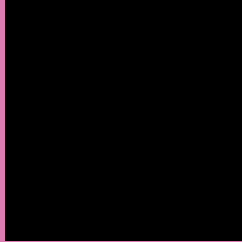
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 45.395, 345.105

Background



This preview shows how black text looks on a background with the CIELCh color 64, 45.395, 345.105.

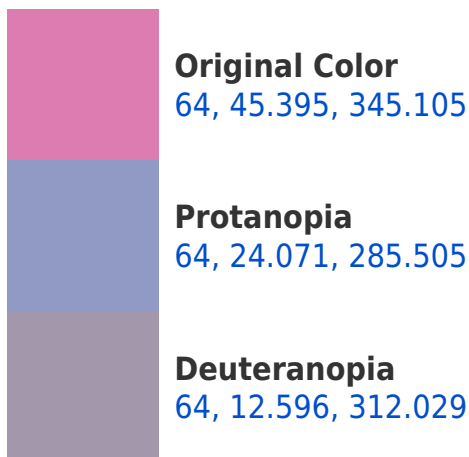


This preview shows how white text looks on a background with the CIELCh color 64, 45.395, 345.105.

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, 34.966, 14.362

Trichromacy



Original Color
64, 45.395, 345.105



Protanomaly
63, 28.345, 314.110



Deuteranomaly
64, 24.436, 333.206



Tritanomaly
64, 37.508, 1.565

Monochromacy



Original Color
64, 45.395, 345.105



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 17.398, 341.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 45.395, 345.105 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(220, 124, 177)` looks like.

```
.text, #text, p{  
    color:rgb(220, 124, 177)  
}
```

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(220, 124, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 124, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 45.395, 345.105 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(220, 124, 177) }
```

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

```
.border{ border-color:rgb(220, 124, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 124, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 124, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 124, 177); box-shadow:4px 4px 4px 4px rgb(220, 124, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 45.395, 345.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 124, 177) }
```

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

```
.background{ background-color: rgb(220,  
124, 177) }
```

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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