

Converting Colors

CIELCh(63, 45.217, 346.714)

Have a look what the booklet for
CIELCh(63, 45.217, 346.714)
contains.

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Color

CIELCh(63, 45.217, 346.714)

Conversions

Conversions Part 1

Format	Color
Hex	DA79AC
RGB	218, 121, 172
RGB Percent	85%, 47%, 67%
CMY	0.1448, 0.5252, 0.3252
CMYK	0.00, 0.44, 0.21, 0.14
HSL	328°, 57%, 66%
HSV	328°, 44%, 86%
XYZ	43.2313, 31.5869, 42.8802
YIQ	155.8170, 41.4410, 36.4250

Conversions

Conversions Part 2

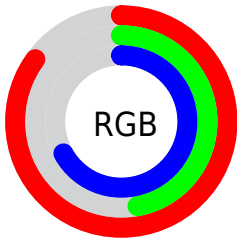
Format	Color
RYB	218, 121, 172
Decimal	14317996
CIELab	63.00, 44.01, -10.39
CIELCh	63, 45.217, 346.714
Yxy	31.5869, 0.3673, 0.2684
Android (android.graphics.Color)	4292508076 (0xFFDA79AC)
YUV	155.8170, 7.9782, 54.5345
Hunter-Lab	56.2022, 38.9501, -5.8945

Details

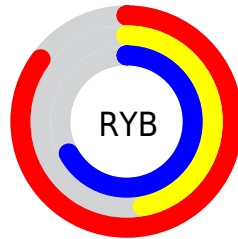
The CIELCh color $63, 45.217, 346.714$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $80, 43.284, 157.815$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 39.431, 338.841$, and $43, 45.173, 346.633$ is the 20% darker color. If you saturate the color by 10%, you get $58, 54.490, 348.140$, and if you desaturate by 10%, it is $68, 35.240, 345.497$.

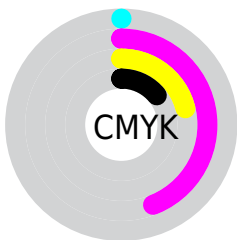
Distribution



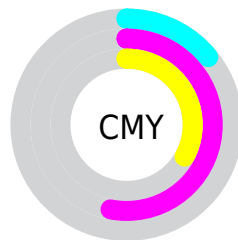
- Red (85%)
- Green (47%)
- Blue (67%)



- Red (85%)
- Yellow (47%)
- Blue (67%)



- Cyan (0%)
- Magenta (44%)
- Yellow (21%)
- Black (14%)




- Cyan (14%)
- Magenta (53%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 45.217, 346.714 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 63, 45.217, 346.714 by changing the saturation by 10% instead.


 63, 45.217,
346.714


 63, 45.217,
346.714

 100, 45.217,
346.714


 53, 45.217,
346.714


 83, 45.217,
346.714

 43, 45.217,
346.714


 93, 45.217,
346.714

 33, 45.217,
346.714

 23, 45.217,
346.714

 13, 45.217,
346.714

 3, 45.217, 346.714

 0, 45.217, 346.714

63, 45.217,
346.714

63, 45.217,
346.714

58, 54.490,
348.140

68, 35.240,
345.497

55, 62.574,
349.851

73, 24.958,
344.430

51, 68.933,
351.960

79, 14.647,
343.473

49, 73.148,
354.611

84, 4.484, 342.555

48, 75.118,
357.959

90, 5.425, 161.950

47, 75.602, 0.059

96, 15.026,
161.188

97, 13.856,
175.653

97, 12.434,
198.209

■ 97, 12.427,
198.676

Harmonies

Complementary

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



63, 45.217, 346.714



80, 43.284, 157.815

Rectangle

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



63, 45.217, 346.714



63, 45.217, 36.714



63, 45.217, 166.714



63, 45.217, 216.714

Sweetspot

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



63, 45.214, 346.715



92, 14.907, 343.348



59, 56.708, 310.272



47, 10.454, 343.552



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63, 45.214, 346.715



68, 60.316, 347.984



62, 40.830, 21.648



43, 5.737, 343.017



37, 63.828, 359.372



6, 25.346, 352.686

Inverse Universe

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



63, 45.214, 346.715



68, 60.316, 347.984



81, 30.252, 194.026



43, 5.737, 343.017



37, 63.828, 359.372



6, 25.346, 352.686

Previews

White Background



This preview shows how the CIELCh color 63, 45.217, 346.714 looks on a white background.

Color Contrast Check

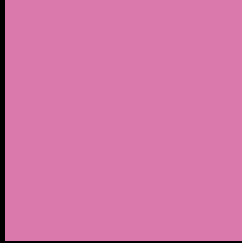
Large Text (above 18pt) WCAG AA × Fail

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 63, 45.217, 346.714 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 63, 45.217, 346.714

Background



This preview shows how black text looks on a background with the CIELCh color 63, 45.217, 346.714.

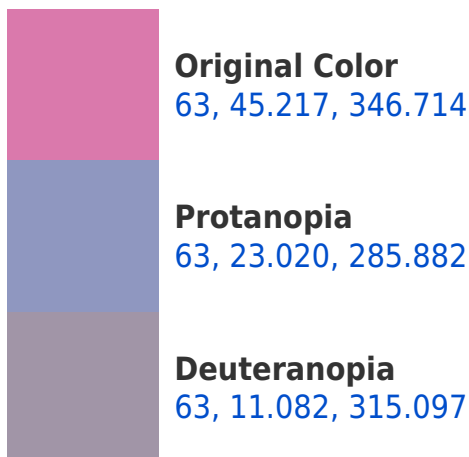


This preview shows how white text looks on a background with the CIELCh color 63, 45.217, 346.714.

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
63, 35.938, 15.638

Trichromacy



Original Color
63, 45.217, 346.714



Protanomaly
62, 27.549, 315.695



Deuteranomaly
63, 23.325, 336.034



Tritanomaly
63, 38.238, 3.030

Monochromacy



Original Color
63, 45.217, 346.714



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 17.431, 343.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 45.217, 346.714 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(218, 121, 172)` looks like.

```
.text, #text, p{  
    color:rgb(218, 121, 172)  
}
```

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(218, 121, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 121, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 45.217, 346.714 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(218, 121, 172) }
```

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

```
.border{ border-color:rgb(218, 121, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 121, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 121, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 121, 172);  
box-shadow:4px 4px 4px 4px rgb(218, 121,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 45.217, 346.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 121, 172) }
```

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

```
.background{ background-color: rgb(218,  
121, 172) }
```

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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