

Converting Colors

CIELCh(63, 41.528, 346.852)

Have a look what the booklet for
CIELCh(63, 41.528, 346.852)
contains.

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Color

CIELCh(63, 41.559, 346.875)

Conversions

Conversions Part 1

Format	Color
Hex	D57CAA
RGB	213, 124, 170
RGB Percent	84%, 49%, 67%
CMY	0.1635, 0.5126, 0.3322
CMYK	0.00, 0.42, 0.20, 0.16
HSL	329°, 52%, 66%
HSV	329°, 42%, 84%
XYZ	42.0505, 31.5869, 42.0482
YIQ	155.8550, 38.2780, 33.1740

Conversions

Conversions Part 2

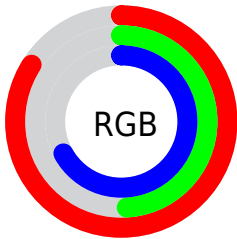
Format	Color
R _Y B	213, 124, 170
Decimal	13991082
CIE Lab	63.00, 40.47, -9.44
CIE LCh	63, 41.559, 346.875
Yxy	31.5869, 0.3635, 0.2730
Android (android.graphics.Color)	4292181162 (0xFFD57CAA)
YUV	155.8550, 6.9735, 50.1162
Hunter-Lab	56.2022, 35.1997, -5.0168

Details

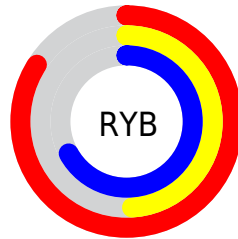
The CIELCh color $63, 41.559, 346.875$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $79, 39.755, 158.624$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 36.975, 340.631$, and $43, 41.657, 346.541$ is the 20% darker color. If you saturate the color by 10%, you get $58, 50.876, 348.259$, and if you desaturate by 10%, it is $68, 31.681, 345.688$.

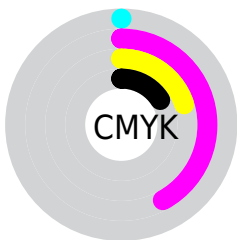
Distribution



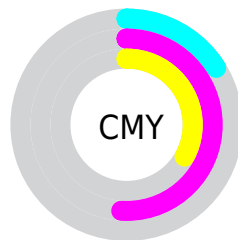
- Red (84%)
- Green (49%)
- Blue (67%)



- Red (84%)
- Yellow (49%)
- Blue (67%)



- Cyan (0%)
- Magenta (42%)
- Yellow (20%)
- Black (16%)





- Cyan (16%)
- Magenta (51%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 41.559, 346.875 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, 41.559, 346.875 by changing the saturation by 10% instead.


 63, 41.559,
346.875


 63, 41.559,
346.875


 100, 41.559,
346.875


 53, 41.559,
346.875


 83, 41.559,
346.875

 43, 41.559,
346.875

 93, 41.559,
346.875

 33, 41.559,
346.875

 23, 41.559,
346.875

 13, 41.559,
346.875

 3, 41.559, 346.875

 0, 41.559, 346.875

63, 41.559,
346.875

63, 41.559,
346.875

58, 50.876,
348.259

68, 31.681,
345.688

54, 59.183,
349.912

73, 21.601,
344.643

51, 65.959,
351.939

79, 11.554,
343.700

49, 70.746,
354.479

84, 1.692, 342.652

47, 73.338,
357.691

90, 7.899, 162.190

96, 17.177,
161.460

46, 74.224, 0.851

97, 15.770,
174.343

97, 14.088,
193.835

■ 97, 13.955,
198.575

Harmonies

Complementary

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



63, 41.559, 346.875



79, 39.755, 158.624

Rectangle

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



63, 41.559, 346.875



63, 41.559, 36.875



63, 41.559, 166.875



63, 41.559, 216.875

Sweetspot

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



63, 41.556, 346.876



92, 14.817, 343.828



59, 52.139, 310.107



47, 10.392, 344.033



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, 41.556, 346.876



70, 56.958, 348.077



62, 37.323, 21.140



42, 5.592, 343.490



37, 63.009, 0.159



5, 23.704, 353.132

Inverse Universe

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



63, 41.556, 346.876



70, 56.958, 348.077



80, 28.249, 194.177



42, 5.592, 343.490



37, 63.009, 0.159



5, 23.704, 353.132

Previews

White Background



This preview shows how the CIELCh color 63, 41.559, 346.875 looks on a white background.

Color Contrast Check

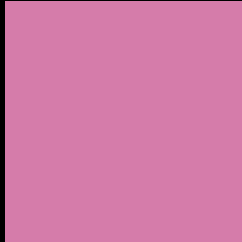
Large Text (above 18pt) WCAG AA × Fail

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, 41.559, 346.875 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, 41.559, 346.875

Background



This preview shows how black text looks on a background with the CIELCh color 63, 41.559, 346.875.

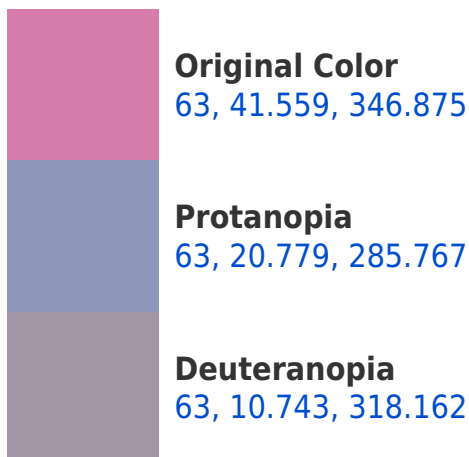


This preview shows how white text looks on a background with the CIELCh color 63, 41.559, 346.875.

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, 32.978, 13.572

Trichromacy



Original Color
63, 41.559, 346.875



Protanomaly
62, 25.230, 316.135



Deuteranomaly
63, 22.031, 336.590



Tritanomaly
63, 34.969, 2.357

Monochromacy



Original Color
63, 41.559, 346.875



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 15.861, 344.407

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 41.559, 346.875 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(213, 124, 170)` looks like.

```
.text, #text, p{  
    color:rgb(213, 124, 170)  
}
```

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(213, 124, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 124, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 41.559, 346.875 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(213, 124, 170) }
```

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

```
.border{ border-color:rgb(213, 124, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 124, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 124, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 124, 170);  
box-shadow:4px 4px 4px 4px rgb(213, 124,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 41.559, 346.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 124, 170) }
```

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

```
.background{ background-color: rgb(213,  
124, 170) }
```

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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