

Converting Colors

CIELCh(63, 37.176, 346.274)

Have a look what the booklet for
CIELCh(63, 37.176, 346.274)
contains.

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Color

CIELCh(63, 37.207, 346.295)

Conversions

Conversions Part 1

Format	Color
Hex	CF80A9
RGB	207, 128, 169
RGB Percent	81%, 50%, 66%
CMY	0.1881, 0.4979, 0.3371
CMYK	0.00, 0.38, 0.18, 0.19
HSL	329°, 45%, 66%
HSV	329°, 38%, 81%
XYZ	40.6344, 31.5869, 41.5119
YIQ	156.2950, 33.9230, 29.4990

Conversions

Conversions Part 2

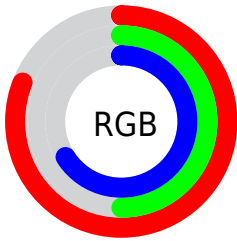
Format	Color
R _Y B	207, 128, 169
Decimal	13598889
CIE Lab	63.00, 36.15, -8.82
CIE LCh	63, 37.207, 346.295
Yxy	31.5869, 0.3573, 0.2777
Android (android.graphics.Color)	4291788969 (0xFFCF80A9)
YUV	156.2950, 6.2636, 44.4683
Hunter-Lab	56.2022, 30.7021, -4.4510

Details

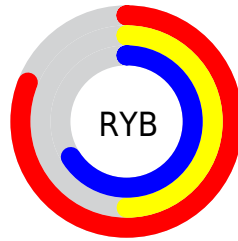
The CIELCh color $63, 37.207, 346.295$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $77, 35.710, 158.963$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 34.259, 342.243$, and $43, 37.089, 346.284$ is the 20% darker color. If you saturate the color by 10%, you get $58, 46.554, 347.593$, and if you desaturate by 10%, it is $68, 27.448, 345.172$.

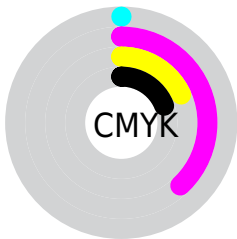
Distribution



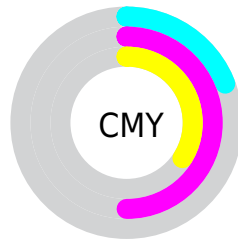
- Red (81%)
- Green (50%)
- Blue (66%)



- Red (81%)
- Yellow (50%)
- Blue (66%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (19%)





- Cyan (19%)
- Magenta (50%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 37.207, 346.295 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, 37.207, 346.295 by changing the saturation by 10% instead.


 63, 37.207,
346.295


 63, 37.207,
346.295


 100, 37.207,
346.295


 53, 37.207,
346.295


 83, 37.207,
346.295

 43, 37.207,
346.295

 93, 37.207,
346.295

 33, 37.207,
346.295

 23, 37.207,
346.295

 13, 37.207,
346.295

 3, 37.207, 346.295

 0, 37.207, 346.295

63, 37.207,
346.295

63, 37.207,
346.295

58, 46.554,
347.593

68, 27.448,
345.172

54, 55.089,
349.125

73, 17.586,
344.173

51, 62.316,
350.986

79, 7.818, 343.256

48, 67.749,
353.299

84, 1.735, 162.739

46, 71.070,
356.218

90, 11.006,
161.803

45, 72.435,
359.851

95, 19.967,
161.108

45, 72.633, 0.556

96, 18.535,
171.566

97, 16.505,
187.122

■ 97, 15.926,
198.447

Harmonies

Complementary

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



63, 37.207, 346.295



77, 35.710, 158.963

Rectangle

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



63, 37.207, 346.295



63, 37.207, 36.295



63, 37.207, 166.295



63, 37.207, 216.295

Sweetspot

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



63, 37.204, 346.296



93, 12.529, 343.525



60, 46.368, 309.893



49, 8.431, 343.650



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, 37.204, 346.296



72, 52.771, 347.371



62, 32.937, 20.532



41, 5.491, 343.370



36, 62.351, 359.901



5, 22.010, 352.712

Inverse Universe

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



63, 37.204, 346.296



72, 52.771, 347.371



78, 25.622, 194.377



41, 5.491, 343.370



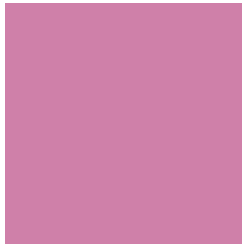
36, 62.351, 359.901



5, 22.010, 352.712

Previews

White Background



This preview shows how the CIELCh color 63, 37.207, 346.295 looks on a white background.

Color Contrast Check

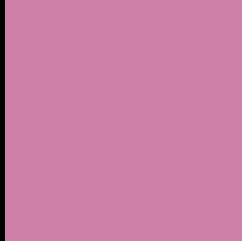
Large Text (above 18pt) WCAG AA × Fail

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, 37.207, 346.295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

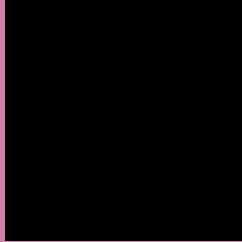
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 37.207, 346.295

Background



This preview shows how black text looks on a background with the CIELCh color 63, 37.207, 346.295.



This preview shows how white text looks on a background with the CIELCh color 63, 37.207, 346.295.

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, 29.209, 11.808

Trichromacy



Original Color
63, 37.207, 346.295



Protanomaly
63, 22.235, 316.396



Deuteranomaly
63, 19.831, 336.758



Tritanomaly
63, 31.301, 1.331

Monochromacy



Original Color
63, 37.207, 346.295



Achromatopsia
64, 0.008, 296.813



Achromatomaly
64, 13.961, 344.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 37.207, 346.295 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(207, 128, 169)` looks like.

```
.text, #text, p{  
    color:rgb(207, 128, 169)  
}
```

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(207, 128, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 128, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 37.207, 346.295 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(207, 128, 169) }
```

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

```
.border{ border-color:rgb(207, 128, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 128, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 128, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 128, 169);  
box-shadow:4px 4px 4px 4px rgb(207, 128,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 37.207, 346.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 128, 169) }
```

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

```
.background{ background-color: rgb(207,  
128, 169) }
```

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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