

Converting Colors

CIELCh(57, 63.269, 341.975)

Have a look what the booklet for
CIELCh(57, 63.269, 341.975)
contains.

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Color

CIELCh(57, 63.117, 342.226)

Conversions

Conversions Part 1

Format	Color
Hex	DB58AC
RGB	219, 88, 172
RGB Percent	86%, 35%, 67%
CMY	0.1423, 0.6559, 0.3265
CMYK	0.00, 0.60, 0.21, 0.14
HSL	322°, 64%, 60%
HSV	322°, 60%, 86%
XYZ	40.0208, 24.9227, 41.6041
YIQ	136.7450, 51.1120, 53.8960

Conversions

Conversions Part 2

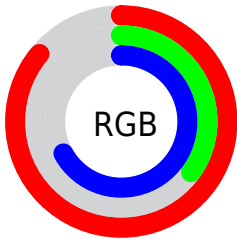
Format	Color
R_{YB}	219, 88, 172
Decimal	14375084
CIE _{Lab}	57.00, 60.10, -19.27
CIE _{LCh}	57, 63.117, 342.226
Yxy	24.9227, 0.3756, 0.2339
Android (android.graphics.Color)	4292565164 (0xFFDB58AC)
YUV	136.7450, 17.3807, 72.1376
Hunter-Lab	49.9226, 55.7313, -14.4648

Details

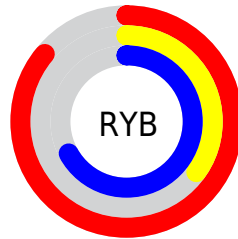
The CIELCh color **57, 63.117, 342.226** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **79, 62.536, 150.422**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 58.164, 335.169**, and **37, 63.313, 342.141** is the 20% darker color. If you saturate the color by 10%, you get **54, 70.560, 343.598**, and if you desaturate by 10%, it is **61, 54.013, 341.052**.

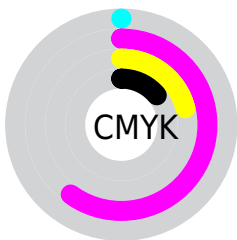
Distribution



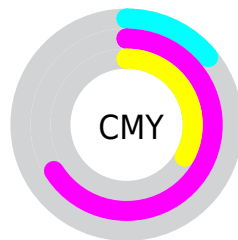
- Red (86%)
- Green (35%)
- Blue (67%)



- Red (86%)
- Yellow (35%)
- Blue (67%)



- Cyan (0%)
- Magenta (60%)
- Yellow (21%)
- Black (14%)





- Cyan (14%)
- Magenta (66%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 63.117, 342.226 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 57, 63.117, 342.226 by changing the saturation by 10% instead.


 57, 63.117,
342.226


 57, 63.117,
342.226


 100, 63.117,
342.226


 47, 63.117,
342.226


 77, 63.117,
342.226


 37, 63.117,
342.226


 87, 63.117,
342.226

 27, 63.117,
342.226

 97, 63.117,
342.226

 17, 63.117,
342.226

 7, 63.117, 342.226

 0, 63.117, 342.226

57, 63.117,
342.226

57, 63.117,
342.226

54, 70.560,
343.598

61, 54.013,
341.052

51, 75.833,
345.246

66, 43.809,
340.020

49, 78.619,
347.271

71, 32.981,
339.090

48, 79.251,
349.727

76, 21.896,
338.239


48, 79.255,
349.757

82, 10.808,
337.441

87, 0.118, 159.980

93, 10.786,
156.113

97, 16.548,
159.167

 97, 14.170,
171.375

Harmonies

Complementary

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



57, 63.117, 342.226



79, 62.536, 150.422

Rectangle

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



57, 63.117, 342.226



57, 63.117, 32.226



57, 63.117, 162.226



57, 63.117, 212.226

Sweetspot

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



57, 63.114, 342.227



89, 22.429, 338.098



48, 76.800, 307.862



45, 15.609, 338.338



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 63.114, 342.227



61, 81.114, 344.018



55, 55.150, 16.575



43, 6.219, 337.406



38, 66.846, 349.299



6, 26.992, 344.760

Inverse Universe

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



57, 63.114, 342.227



61, 81.114, 344.018



80, 40.502, 181.500



43, 6.219, 337.406



38, 66.846, 349.299



6, 26.992, 344.760

Previews

White Background



This preview shows how the CIELCh color 57, 63.117, 342.226 looks on a white background.

Color Contrast Check

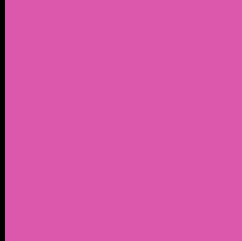
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 63.117, 342.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

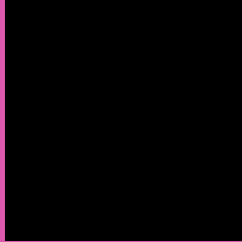
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 63.117, 342.226

Background



This preview shows how black text looks on a background with the CIELCh color 57, 63.117, 342.226.



This preview shows how white text looks on a background with the CIELCh color 57, 63.117, 342.226.

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



Original Color

57, 63.117, 342.226

Protanopia

57, 41.244, 285.390

Deuteranopia

57, 17.197, 295.762



Tritanopia
57, 46.965, 20.892

Trichromacy



Original Color
57, 63.117, 342.226



Protanomaly
56, 45.028, 308.898



Deuteranomaly
56, 33.897, 326.035



Tritanomaly
57, 49.878, 4.022

Monochromacy



Original Color
57, 63.117, 342.226



Achromatopsia
57, 0.007, 296.813



Achromatomaly
55, 25.576, 338.748

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 63.117, 342.226 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(219, 88, 172)` looks like.

```
.text, #text, p{  
    color:rgb(219, 88, 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(219, 88, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 88, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 63.117, 342.226 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(219, 88, 172) }
```

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

```
.border{ border-color:rgb(219, 88, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 88, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 88, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 88, 172);  
box-shadow:4px 4px 4px 4px rgb(219, 88,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 63.117, 342.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 88, 172) }
```

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

```
.background{ background-color: rgb(219, 88,  
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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