

Converting Colors

CIELCh(57, 51.574, 342.719)

Have a look what the booklet for
CIELCh(57, 51.574, 342.719)
contains.

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Color

CIELCh(57, 51.774, 342.340)

Conversions

Conversions Part 1

Format	Color
Hex	CD64A5
RGB	205, 100, 165
RGB Percent	80%, 39%, 65%
CMY	0.1948, 0.6067, 0.3518
CMYK	0.00, 0.51, 0.19, 0.19
HSL	323°, 51%, 60%
HSV	323°, 51%, 81%
XYZ	36.6686, 24.9227, 38.6164
YIQ	138.8050, 41.7150, 42.4750

Conversions

Conversions Part 2

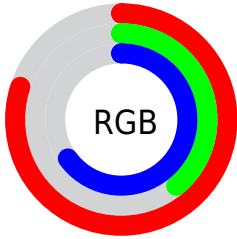
Format	Color
R _Y B	205, 100, 165
Decimal	13460645
CIE Lab	57.00, 49.33, -15.71
CIE LCh	57, 51.774, 342.340
Yxy	24.9227, 0.3659, 0.2487
Android (android.graphics.Color)	4291650725 (0xFFCD64A5)
YUV	138.8050, 12.9141, 58.0530
Hunter-Lab	49.9226, 43.7452, -10.9164

Details

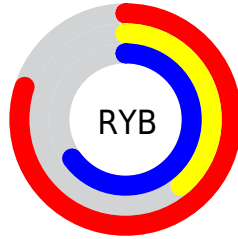
The CIELCh color **57, 51.774, 342.340** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **75, 50.684, 152.663**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 49.660, 339.441**, and **37, 51.826, 342.301** is the 20% darker color. If you saturate the color by 10%, you get **53, 60.192, 343.602**, and if you desaturate by 10%, it is **61, 42.278, 341.244**.

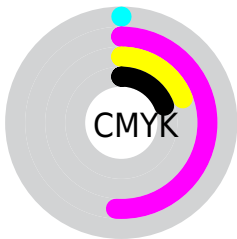
Distribution



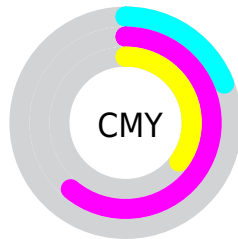
- Red (80%)
- Green (39%)
- Blue (65%)



- Red (80%)
- Yellow (39%)
- Blue (65%)



- Cyan (0%)
- Magenta (51%)
- Yellow (19%)
- Black (19%)





- Cyan (19%)
- Magenta (61%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 51.774, 342.340 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, 51.774, 342.340 by changing the saturation by 10% instead.


 57, 51.774,
342.340


 57, 51.774,
342.340


 100, 51.774,
342.340


 47, 51.774,
342.340


 77, 51.774,
342.340

 37, 51.774,
342.340

 87, 51.774,
342.340

 27, 51.774,
342.340

 97, 51.774,
342.340

 17, 51.774,
342.340

 7, 51.774, 342.340

 0, 51.774, 342.340

57, 51.774,
342.340

57, 51.774,
342.340

53, 60.192,
343.602

61, 42.278,
341.244

50, 67.019,
345.093

66, 32.169,
340.268

47, 71.777,
346.904

71, 21.798,
339.381

46, 74.205,
349.148

76, 11.411,
338.559


45, 74.780,
351.516

82, 1.170, 337.528

87, 8.831, 157.196

93, 18.543,
156.529

96, 22.327,
159.617

 96, 19.862,
168.331

Harmonies

Complementary

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



57, 51.774, 342.340



75, 50.684, 152.663

Rectangle

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



57, 51.774, 342.340



57, 51.774, 32.340



57, 51.774, 162.340



57, 51.774, 212.340

Sweetspot

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



57, 51.771, 342.341



90, 18.365, 338.886



51, 61.995, 307.646



47, 12.548, 339.061



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, 51.771, 342.341



65, 71.431, 343.687



56, 44.518, 15.526



40, 5.766, 338.417



36, 63.957, 351.032



4, 21.390, 345.912

Inverse Universe

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



57, 51.771, 342.341



65, 71.431, 343.687



76, 33.891, 183.981



40, 5.766, 338.417



36, 63.957, 351.032



4, 21.390, 345.912

Previews

White Background



This preview shows how the CIELCh color 57, 51.774, 342.340 looks on a white background.

Color Contrast Check

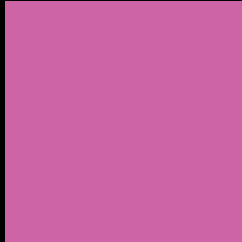
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 57, 51.774, 342.340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

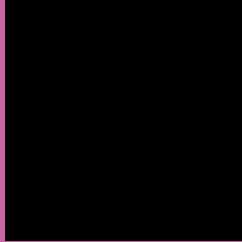
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 51.774, 342.340

Background



This preview shows how black text looks on a background with the CIELCh color 57, 51.774, 342.340.

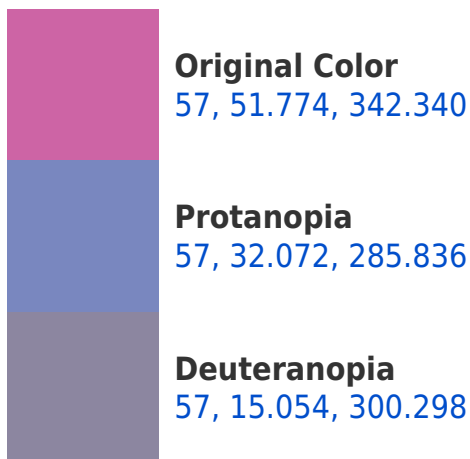


This preview shows how white text looks on a background with the CIELCh color 57, 51.774, 342.340.

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
57, 38.542, 17.685

Trichromacy



Original Color
57, 51.774, 342.340



Protanomaly
56, 36.027, 310.670



Deuteranomaly
57, 27.701, 327.143

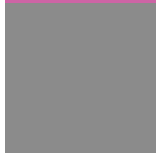


Tritanomaly
57, 41.567, 2.285

Monochromacy



Original Color
57, 51.774, 342.340



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 20.099, 338.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 51.774, 342.340 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(205, 100, 165)` looks like.

```
.text, #text, p{  
    color:rgb(205, 100, 165)  
}
```

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(205, 100, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 100, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 51.774, 342.340 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(205, 100, 165) }
```

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

```
.border{ border-color:rgb(205, 100, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 100, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 100, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 100, 165);  
box-shadow:4px 4px 4px 4px rgb(205, 100,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 51.774, 342.340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 100, 165) }
```

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

```
.background{ background-color: rgb(205,  
100, 165) }
```

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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