

Converting Colors

CIELCh(57, 51.579, 342.077)

Have a look what the booklet for
CIELCh(57, 51.579, 342.077)
contains.

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Color

CIELCh(57, 51.521, 341.970)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CD65A6 |
| RGB | 205, 101, 166 |
| RGB Percent | 80%, 40%, 65% |
| CMY | 0.1974, 0.6051, 0.3502 |
| CMYK | 0.00, 0.51, 0.19, 0.20 |
| HSL | 322°, 51%, 60% |
| HSV | 322°, 51%, 80% |
| XYZ | 36.5650, 24.9227, 38.8130 |
| YIQ | 139.5060, 41.1190, 42.2630 |

Conversions

Conversions Part 2

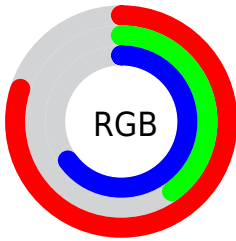
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 205, 101, 166 |
| Decimal | 13460902 |
| CIE _{Lab} | 57.00, 48.99, -15.95 |
| CIE _{LCh} | 57, 51.521, 341.970 |
| Yxy | 24.9227, 0.3646, 0.2485 |
| Android (android.graphics.Color) | 4291650982 (0xFFCD65A6) |
| YUV | 139.5060, 13.0615, 57.4382 |
| Hunter-Lab | 49.9226, 43.3748, -11.1500 |

Details

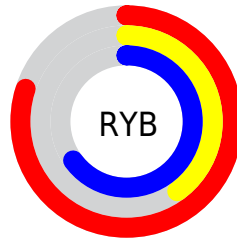
The CIELCh color **57, 51.521, 341.970** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **75, 50.495, 152.449**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 49.397, 339.093**, and **37, 51.676, 341.854** is the 20% darker color. If you saturate the color by 10%, you get **53, 59.988, 343.204**, and if you desaturate by 10%, it is **61, 41.990, 340.894**.

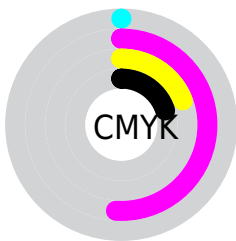
Distribution



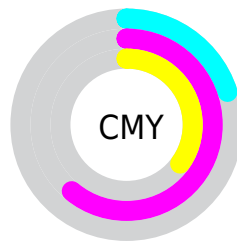
- Red (80%)
- Green (40%)
- Blue (65%)



- Red (80%)
- Yellow (40%)
- Blue (65%)



- Cyan (0%)
- Magenta (51%)
- Yellow (19%)
- Black (20%)





- Cyan (20%)
- Magenta (61%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 51.521, 341.970 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, 51.521, 341.970 by changing the saturation by 10% instead.


 57, 51.521,
341.970


 57, 51.521,
341.970


 100, 51.521,
341.970


 47, 51.521,
341.970


 77, 51.521,
341.970

 37, 51.521,
341.970

 87, 51.521,
341.970

 27, 51.521,
341.970

 97, 51.521,
341.970

 17, 51.521,
341.970

 7, 51.521, 341.970

 0, 51.521, 341.970

57, 51.521,
341.970

57, 51.521,
341.970

53, 59.988,
343.204

61, 41.990,
340.894

50, 66.881,
344.657

66, 31.857,
339.933

47, 71.716,
346.416

71, 21.468,
339.058

46, 74.222,
348.590

76, 11.069,
338.244


45, 74.834,
350.984

82, 0.816, 337.087

87, 9.196, 156.892

93, 18.919,
156.231

96, 22.776,
159.142

 96, 20.325,
167.431

Harmonies

Complementary

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



57, 51.521, 341.970



75, 50.495, 152.449

Rectangle

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



57, 51.521, 341.970



57, 51.521, 31.970



57, 51.521, 161.970



57, 51.521, 211.970

Sweetspot

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



57, 51.518, 341.971



90, 18.445, 338.596



51, 61.392, 307.618



47, 12.602, 338.770



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, 51.518, 341.971



65, 71.692, 343.336



55, 44.077, 15.443



40, 5.792, 338.132



36, 64.155, 350.518



4, 21.484, 345.507

Inverse Universe

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



57, 51.518, 341.971



65, 71.692, 343.336



76, 33.626, 184.017



40, 5.792, 338.132



36, 64.155, 350.518



4, 21.484, 345.507

Previews

White Background



This preview shows how the CIELCh color 57, 51.521, 341.970 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, 51.521, 341.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

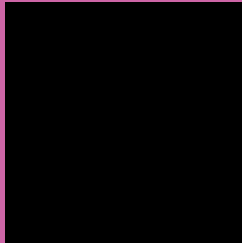
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 51.521, 341.970

Background



This preview shows how black text looks on a background with the CIELCh color 57, 51.521, 341.970.

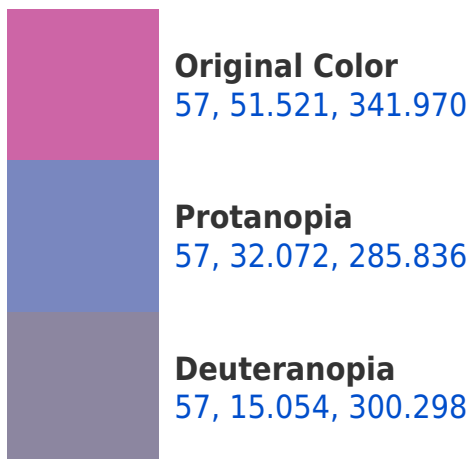


This preview shows how white text looks on a background with the CIELCh color 57, 51.521, 341.970.

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, 37.653, 17.381

Trichromacy



Original Color
57, 51.521, 341.970



Protanomaly
56, 35.275, 309.804



Deuteranomaly
57, 27.701, 327.143



Tritanomaly
57, 40.811, 1.675

Monochromacy



Original Color
57, 51.521, 341.970



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, 51.521, 341.970 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, 101, 166)` looks like.

```
.text, #text, p{  
    color:rgb(205, 101, 166)  
}
```

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, 101, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 101, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 51.521, 341.970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

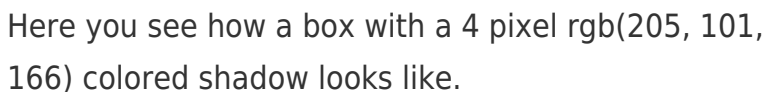
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 101, 166) }
```

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

```
.border{ border-color:rgb(205, 101, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 101, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 101, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 101, 166);  
box-shadow:4px 4px 4px 4px rgb(205, 101,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 51.521, 341.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 101, 166) }
```

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

```
.background{ background-color: rgb(205,  
101, 166) }
```

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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