

Converting Colors

CIELCh(57, 53.901, 346.825)

Have a look what the booklet for
CIELCh(57, 53.901, 346.825)
contains.

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Color

CIELCh(57, 54.218, 346.593)

Conversions

Conversions Part 1

Format	Color
Hex	D460A0
RGB	212, 96, 160
RGB Percent	83%, 38%, 63%
CMY	0.1684, 0.6233, 0.3723
CMYK	0.00, 0.55, 0.25, 0.17
HSL	327°, 57%, 60%
HSV	327°, 55%, 83%
XYZ	37.7077, 24.9227, 36.1071
YIQ	137.9800, 48.5920, 44.4960

Conversions

Conversions Part 2

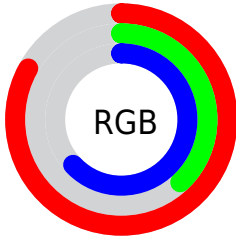
Format	Color
R_{YB}	212, 96, 160
Decimal	13918368
CIE _{Lab}	57.00, 52.74, -12.57
CIE _{LCh}	57, 54.218, 346.593
Yxy	24.9227, 0.3819, 0.2524
Android (android.graphics.Color)	4292108448 (0xFFD460A0)
YUV	137.9800, 10.8559, 64.9155
Hunter-Lab	49.9226, 47.4607, -7.9364

Details

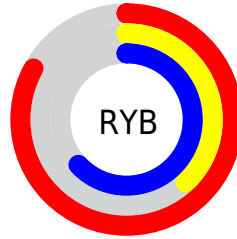
The CIELCh color **57, 54.218, 346.593** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77, 52.228, 155.152**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 49.841, 341.438**, and **37, 54.099, 346.718** is the 20% darker color. If you saturate the color by 10%, you get **53, 62.144, 348.199**, and if you desaturate by 10%, it is **61, 45.077, 345.247**.

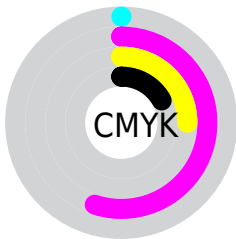
Distribution



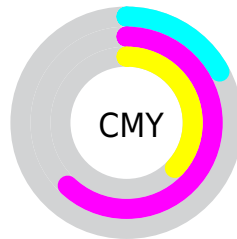
- Red (83%)
- Green (38%)
- Blue (63%)



- Red (83%)
- Yellow (38%)
- Blue (63%)



- Cyan (0%)
- Magenta (55%)
- Yellow (25%)
- Black (17%)





- Cyan (17%)
- Magenta (62%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 54.218, 346.593 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, 54.218, 346.593 by changing the saturation by 10% instead.

 57, 54.218,
346.593

 57, 54.218,
346.593

 100, 54.218,
346.593


 47, 54.218,
346.593


 77, 54.218,
346.593

 37, 54.218,
346.593

 87, 54.218,
346.593

 27, 54.218,
346.593

 97, 54.218,
346.593

 17, 54.218,
346.593

 7, 54.218, 346.593

 0, 54.218, 346.593

57, 54.218,
346.593

57, 54.218,
346.593

53, 62.144,
348.199

61, 45.077,
345.247

50, 68.340,
350.162

66, 35.219,
344.086

48, 72.387,
352.616

71, 25.032,
343.061

47, 74.176,
355.707

77, 14.792,
342.136


46, 74.562,
357.558

82, 4.682, 341.248

88, 5.191, 160.654

94, 14.770,
159.904

97, 17.845,
165.519

 97, 15.459,
180.336

Harmonies

Complementary

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



57, 54.218, 346.593



77, 52.228, 155.152

Rectangle

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



57, 54.218, 346.593



57, 54.218, 36.593



57, 54.218, 166.593



57, 54.218, 216.593

Sweetspot

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



57, 54.215, 346.594



90, 18.723, 342.267



51, 68.399, 309.861



46, 12.662, 342.455



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, 54.215, 346.594



63, 73.018, 348.558



55, 49.814, 21.396



42, 5.728, 341.674



37, 63.607, 356.950



5, 24.115, 350.717

Inverse Universe

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



57, 54.215, 346.594



63, 73.018, 348.558



78, 35.078, 190.080



42, 5.728, 341.674



37, 63.607, 356.950



5, 24.115, 350.717

Previews

White Background



This preview shows how the CIELCh color 57, 54.218, 346.593 looks on a white background.

Color Contrast Check

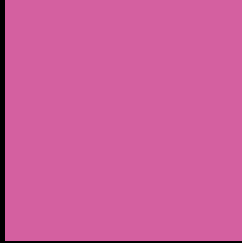
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.218, 346.593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

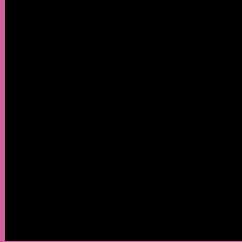
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 54.218, 346.593

Background



This preview shows how black text looks on a background with the CIELCh color 57, 54.218, 346.593.

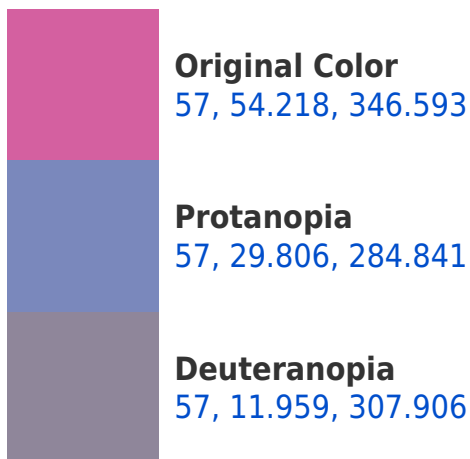


This preview shows how white text looks on a background with the CIELCh color 57, 54.218, 346.593.

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, 43.356, 19.196

Trichromacy



Original Color
57, 54.218, 346.593



Protanomaly
56, 34.875, 313.771



Deuteranomaly
56, 27.406, 334.240



Tritanomaly
57, 45.345, 5.087

Monochromacy



Original Color
57, 54.218, 346.593



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 20.978, 343.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 54.218, 346.593 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(212, 96, 160)` looks like.

```
.text, #text, p{  
    color:rgb(212, 96, 160)  
}
```

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(212, 96, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 96, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 54.218, 346.593 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(212, 96, 160) }
```

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

```
.border{ border-color:rgb(212, 96, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 96, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 96, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 96, 160);  
box-shadow:4px 4px 4px 4px rgb(212, 96,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 54.218, 346.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 96, 160) }
```

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

```
.background{ background-color: rgb(212, 96,  
160) }
```

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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