

Converting Colors

CIELCh(57, 47.714, 354.304)

Have a look what the booklet for
CIELCh(57, 47.714, 354.304)
contains.

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Color

CIELCh(57, 47.886, 354.077)

Conversions

Conversions Part 1

Format	Color
Hex	D16593
RGB	209, 101, 147
RGB Percent	82%, 40%, 58%
CMY	0.1809, 0.6044, 0.4240
CMYK	0.00, 0.52, 0.30, 0.18
HSL	334°, 54%, 61%
HSV	334°, 52%, 82%
XYZ	36.1561, 24.9227, 30.4599
YIQ	138.5360, 49.6020, 37.2020

Conversions

Conversions Part 2

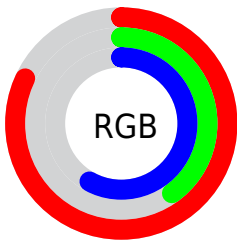
Format	Color
RYB	209, 101, 147
Decimal	13723027
CIELab	57.00, 47.63, -4.94
CIELCh	57, 47.886, 354.077
Yxy	24.9227, 0.3950, 0.2723
Android (android.graphics.Color)	4291913107 (0xFFD16593)
YUV	138.5360, 4.1728, 61.7969
Hunter-Lab	49.9226, 41.9127, -1.2295

Details

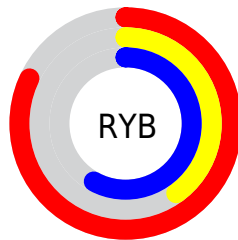
The CIELCh color **57, 47.886, 354.077** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77, 43.991, 162.189**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 43.804, 350.003**, and **37, 47.917, 354.020** is the 20% darker color. If you saturate the color by 10%, you get **53, 56.001, 356.072**, and if you desaturate by 10%, it is **62, 38.925, 352.447**.

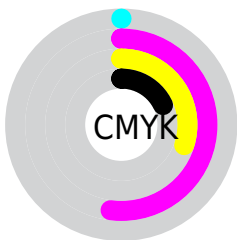
Distribution



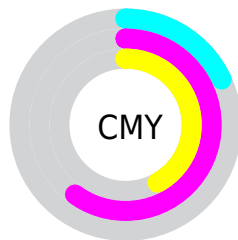
- Red (82%)
- Green (40%)
- Blue (58%)



- Red (82%)
- Yellow (40%)
- Blue (58%)



- Cyan (0%)
- Magenta (52%)
- Yellow (30%)
- Black (18%)




- Cyan (18%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 47.886, 354.077 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, 47.886, 354.077 by changing the saturation by 10% instead.


 57, 47.886,
354.077

 57, 47.886,
354.077


 100, 47.886,
354.077

 47, 47.886,
354.077


 77, 47.886,
354.077

 37, 47.886,
354.077

 87, 47.886,
354.077

 27, 47.886,
354.077

 97, 47.886,
354.077

 17, 47.886,
354.077

 7, 47.886, 354.077

 0, 47.886, 354.077

57, 47.886,
354.077

57, 47.886,
354.077

53, 56.001,
356.072

62, 38.925,
352.447

50, 62.804,
358.562

67, 29.546,
351.077

47, 67.881, 1.718

72, 20.060,
349.899

45, 71.082, 5.712

77, 10.680,
348.857


45, 72.743, 9.604

83, 1.532, 347.699

89, 7.315, 167.236

94, 15.832,
166.463

97, 17.018,
176.780

 97, 15.364,
198.078

Harmonies

Complementary

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



57, 47.886, 354.077



77, 43.991, 162.189

Rectangle

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



57, 47.886, 354.077



57, 47.886, 44.077



57, 47.886, 174.077



57, 47.886, 224.077

Sweetspot

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



57, 47.883, 354.078



90, 17.278, 349.311



54, 64.358, 313.736



46, 11.696, 349.529



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, 47.883, 354.078



64, 65.977, 356.299



57, 44.856, 29.727



41, 5.167, 348.629



36, 61.895, 8.763



5, 21.173, 358.576

Inverse Universe

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



57, 47.883, 354.078



64, 65.977, 356.299



76, 30.156, 204.746



41, 5.167, 348.629



36, 61.895, 8.763



5, 21.173, 358.576

Previews

White Background



This preview shows how the CIELCh color 57, 47.886, 354.077 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, 47.886, 354.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

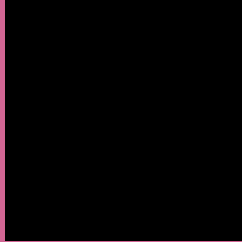
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 47.886, 354.077

Background



This preview shows how black text looks on a background with the CIELCh color 57, 47.886, 354.077.

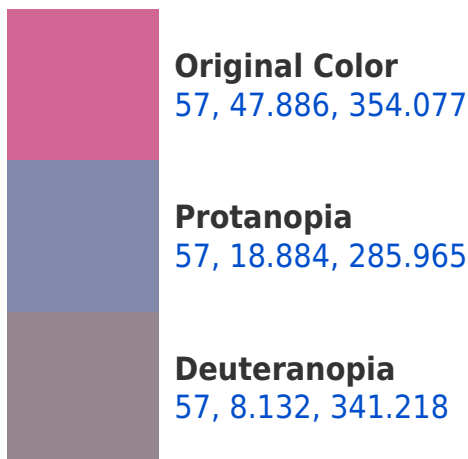


This preview shows how white text looks on a background with the CIELCh color 57, 47.886, 354.077.

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, 42.049, 18.803

Trichromacy



Original Color
57, 47.886, 354.077

Protanomaly
56, 25.591, 324.205

Deuteranomaly
56, 23.560, 348.645

Tritanomaly
57, 43.009, 8.840

Monochromacy



Original Color
57, 47.886, 354.077

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 17.929, 351.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 47.886, 354.077 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(209, 101, 147)` looks like.

```
.text, #text, p{  
    color:rgb(209, 101, 147)  
}
```

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(209, 101, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 101, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 47.886, 354.077 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(209, 101, 147) }
```

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

```
.border{ border-color:rgb(209, 101, 147) }
```

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

Here you see how a box with a 4 pixel rgb(209, 101, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 101, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 101, 147);  
box-shadow:4px 4px 4px 4px rgb(209, 101,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 47.886, 354.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 101, 147) }
```

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

```
.background{ background-color: rgb(209,  
101, 147) }
```

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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