

Converting Colors

CIELCh(47, 54.928, 5.042)

Have a look what the booklet for
CIELCh(47, 54.928, 5.042) contains.

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Color

CIELCh(47, 54.842, 4.822)

Conversions

Conversions Part 1

Format	Color
Hex	C1406A
RGB	193, 64, 106
RGB Percent	76%, 25%, 42%
CMY	0.2435, 0.7494, 0.5846
CMYK	0.00, 0.67, 0.45, 0.24
HSL	340°, 51%, 50%
HSV	340°, 67%, 76%
XYZ	26.3924, 16.0195, 15.3145
YIQ	107.3590, 63.4020, 40.4100

Conversions

Conversions Part 2

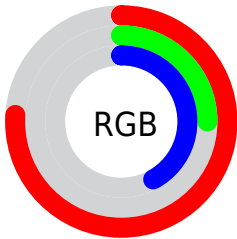
Format	Color
RYB	193, 64, 106
Decimal	12664938
CIELab	47.00, 54.65, 4.61
CIElCh	47, 54.842, 4.822
Yxy	16.0195, 0.4572, 0.2775
Android (android.graphics.Color)	4290855018 (0xFFC1406A)
YUV	107.3590, -0.6700, 75.1072
Hunter-Lab	40.0243, 47.6620, 5.3309

Details

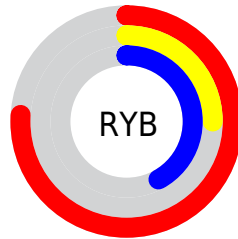
The CIELCh color **47, 54.842, 4.822** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **70, 46.419, 166.273**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 54.855, 4.671**, and **28, 52.348, 6.337** is the 20% darker color. If you saturate the color by 10%, you get **44, 60.999, 8.121**, and if you desaturate by 10%, it is **51, 47.511, 2.220**.

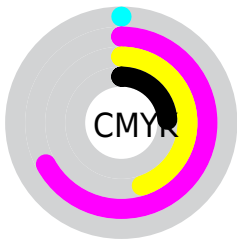
Distribution



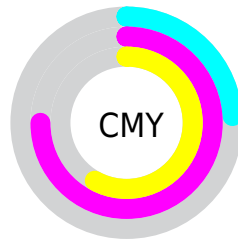
- Red (76%)
- Green (25%)
- Blue (42%)



- Red (76%)
- Yellow (25%)
- Blue (42%)



- Cyan (0%)
- Magenta (67%)
- Yellow (45%)
- Black (24%)



- Cyan (24%)
- Magenta (75%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 54.842, 4.822 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 47, 54.842, 4.822 by changing the saturation by 10% instead.

 47, 54.842, 4.822  47, 54.842, 4.822

 100, 54.842, 4.822  37, 54.842, 4.822

 67, 54.842, 4.822  27, 54.842, 4.822

 77, 54.842, 4.822  17, 54.842, 4.822

 87, 54.842, 4.822  7, 54.842, 4.822

 97, 54.842, 4.822  0, 54.842, 4.822

 47, 54.842, 4.822  47, 54.842, 4.822

 44, 60.999, 8.121  51, 47.511, 2.220

 42, 65.761, 12.276  55, 39.397, 0.141

 41, 69.258, 17.328  59, 30.878,

■ 41, 70.333, 18.946

358.449

■ 64, 22.262,
357.040

■ 69, 13.759,
355.837

■ 74, 5.499, 354.758

■ 80, 2.449, 174.124

■ 85, 10.060,
173.180

■ 91, 17.331,
172.439

Harmonies

Complementary

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



47, 54.842, 4.822



70, 46.419, 166.273

Rectangle

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



47, 54.842, 4.822



47, 54.842, 54.822



47, 54.842, 184.822



47, 54.842, 234.822

Sweetspot

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



47, 54.839, 4.824



85, 20.248, 356.232



44, 77.074, 317.205



44, 13.874, 356.572



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



47, 54.839, 4.824



56, 76.859, 9.832



50, 53.387, 38.735



38, 4.578, 355.025



34, 61.194, 18.101



3, 14.719, 2.177

Inverse Universe

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



47, 54.839, 4.824



56, 76.859, 9.832



65, 30.943, 220.236



38, 4.578, 355.025



34, 61.194, 18.101



3, 14.719, 2.177

Previews

White Background



This preview shows how the CIELCh color 47, 54.842, 4.822 looks on a white background.

Color Contrast Check

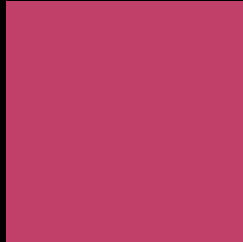
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 47, 54.842, 4.822 looks on a black 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

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

CIELCh 47, 54.842, 4.822

Background



This preview shows how black text looks on a background with the CIELCh color 47, 54.842, 4.822.



This preview shows how white text looks on a background with the CIELCh color 47, 54.842, 4.822.

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

47, 54.842, 4.822

Protanopia

47, 13.040, 287.007

Deuteranopia

47, 9.483, 49.831



Tritanopia
47, 53.839, 25.870

Trichromacy



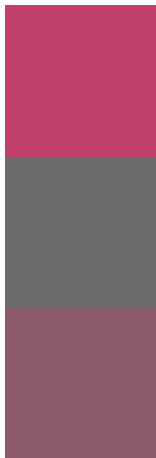
Original Color
47, 54.842, 4.822

Protanomaly
46, 24.740, 339.070

Deuteranomaly
46, 25.901, 10.188

Tritanomaly
47, 53.587, 18.204

Monochromacy



Original Color
47, 54.842, 4.822

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 21.763, 356.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 54.842, 4.822 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(193, 64, 106)` looks like.

```
.text, #text, p{  
    color:rgb(193, 64, 106)  
}
```

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(193, 64, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 64, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 54.842, 4.822 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(193, 64, 106) }
```

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

```
.border{ border-color:rgb(193, 64, 106) }
```

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

Here you see how a box with a 4 pixel rgb(193, 64, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 64, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 64, 106);  
box-shadow:4px 4px 4px 4px rgb(193, 64,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 54.842, 4.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 64, 106) }
```

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

```
.background{ background-color: rgb(193, 64,  
106) }
```

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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