

Converting Colors

CIELCh(53, 47.678, 355.784)

Have a look what the booklet for
CIELCh(53, 47.678, 355.784)
contains.

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Color

CIELCh(53, 47.833, 355.847)

Conversions

Conversions Part 1

Format	Color
Hex	C65A86
RGB	198, 90, 134
RGB Percent	78%, 35%, 53%
CMY	0.2234, 0.6470, 0.4744
CMYK	0.00, 0.55, 0.32, 0.22
HSL	336°, 49%, 56%
HSV	336°, 55%, 78%
XYZ	31.2567, 21.0462, 24.9764
YIQ	127.3080, 50.2440, 36.5800

Conversions

Conversions Part 2

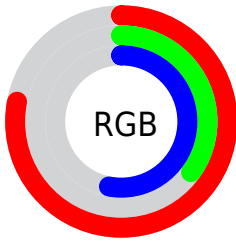
Format	Color
R _Y B	198, 90, 134
Decimal	12999302
CIE Lab	53.00, 47.71, -3.46
CIE LCh	53, 47.833, 355.847
Yxy	21.0462, 0.4045, 0.2723
Android (android.graphics.Color)	4291189382 (0xFFC65A86)
YUV	127.3080, 3.2992, 61.9969
Hunter-Lab	45.8761, 41.3340, -0.1660

Details

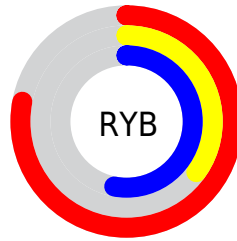
The CIELCh color **53, 47.833, 355.847** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **73, 43.424, 162.898**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 46.936, 355.368**, and **33, 47.818, 355.657** is the 20% darker color. If you saturate the color by 10%, you get **49, 55.337, 358.025**, and if you desaturate by 10%, it is **57, 39.438, 354.083**.

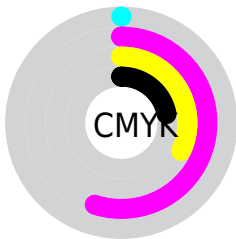
Distribution



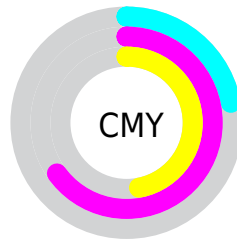
- Red (78%)
- Green (35%)
- Blue (53%)



- Red (78%)
- Yellow (35%)
- Blue (53%)



- Cyan (0%)
- Magenta (55%)
- Yellow (32%)
- Black (22%)





- Cyan (22%)
- Magenta (65%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 47.833, 355.847 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 53, 47.833, 355.847 by changing the saturation by 10% instead.


 53, 47.833,
355.847

 53, 47.833,
355.847

 100, 47.833,
355.847


 43, 47.833,
355.847


 73, 47.833,
355.847

 33, 47.833,
355.847

 83, 47.833,
355.847

 23, 47.833,
355.847

 93, 47.833,
355.847

 13, 47.833,
355.847

 3, 47.833, 355.847

 0, 47.833, 355.847

53, 47.833,
355.847

53, 47.833,
355.847

49, 55.337,
358.025

57, 39.438,
354.083

46, 61.517, 0.763

62, 30.575,
352.616

44, 66.034, 4.236

67, 21.560,
351.367

43, 68.855, 8.598

42, 70.052, 11.228


72, 12.616,
350.276

77, 3.880, 349.249

83, 4.574, 168.609

88, 12.713,
167.784

94, 20.529,
167.075

 96, 20.955,
175.965

Harmonies

Complementary

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



53, 47.833, 355.847



73, 43.424, 162.898

Rectangle

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



53, 47.833, 355.847



53, 47.833, 45.847



53, 47.833, 175.847



53, 47.833, 225.847

Sweetspot

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



53, 47.830, 355.848



89, 17.090, 350.453



50, 65.042, 314.354



46, 11.570, 350.675



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 47.830, 355.848



62, 68.129, 358.380



54, 45.151, 31.294



39, 4.902, 349.753



34, 60.613, 10.422



4, 17.096, 358.468

Inverse Universe

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



53, 47.830, 355.848



62, 68.129, 358.380



71, 29.533, 206.921



39, 4.902, 349.753



34, 60.613, 10.422



4, 17.096, 358.468

Previews

White Background



This preview shows how the CIELCh color 53, 47.833, 355.847 looks on a white background.

Color Contrast Check

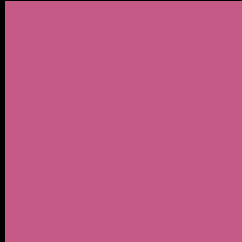
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 47.833, 355.847 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 53, 47.833, 355.847

Background



This preview shows how black text looks on a background with the CIELCh color 53, 47.833, 355.847.

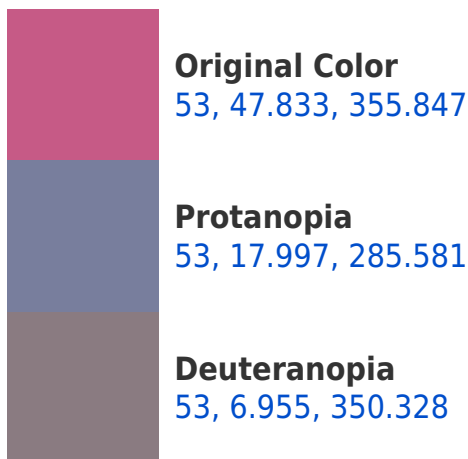


This preview shows how white text looks on a background with the CIELCh color 53, 47.833, 355.847.

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
53, 42.797, 20.106

Trichromacy



Original Color
53, 47.833, 355.847

Protanomaly
52, 24.763, 324.935

Deuteranomaly
52, 22.740, 351.995

Tritanomaly
53, 43.491, 10.915

Monochromacy



Original Color
53, 47.833, 355.847

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 18.188, 351.240

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 47.833, 355.847 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(198, 90, 134)` looks like.

```
.text, #text, p{  
    color:rgb(198, 90, 134)  
}
```

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(198, 90, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 90, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 47.833, 355.847 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(198, 90, 134) }
```

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

```
.border{ border-color:rgb(198, 90, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 90, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 90, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 90, 134);  
box-shadow:4px 4px 4px 4px rgb(198, 90,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 47.833, 355.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 90, 134) }
```

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

```
.background{ background-color: rgb(198, 90,  
134) }
```

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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