

Converting Colors

CIELCh(48, 35.544, 354.531)

Have a look what the booklet for
CIELCh(48, 35.544, 354.531)
contains.

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Color

CIELCh(48, 35.450, 354.566)

Conversions

Conversions Part 1

Format	Color
Hex	A75A79
RGB	167, 90, 121
RGB Percent	65%, 35%, 47%
CMY	0.3467, 0.6485, 0.5269
CMYK	0.00, 0.46, 0.28, 0.35
HSL	336°, 30%, 50%
HSV	336°, 46%, 65%
XYZ	22.9060, 16.7945, 20.0066
YIQ	116.5570, 35.9410, 25.9650

Conversions

Conversions Part 2

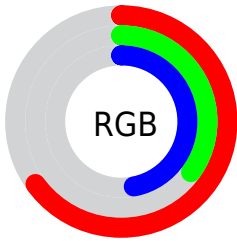
Format	Color
RYB	167, 90, 121
Decimal	10967673
CIELab	48.00, 35.29, -3.36
CIELCh	48, 35.450, 354.566
Yxy	16.7945, 0.3836, 0.2813
Android (android.graphics.Color)	4289157753 (0xFFA75A79)
YUV	116.5570, 2.1904, 44.2385
Hunter-Lab	40.9810, 28.0542, -0.2582

Details

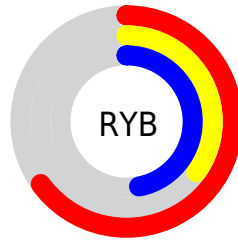
The CIELCh color **48, 35.450, 354.566** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **63, 32.502, 164.426**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 35.368, 354.872**, and **28, 35.882, 354.158** is the 20% darker color. If you saturate the color by 10%, you get **44, 42.675, 356.361**, and if you desaturate by 10%, it is **52, 27.786, 353.080**.

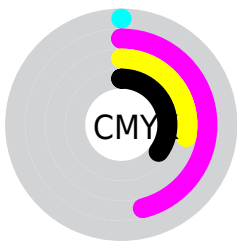
Distribution



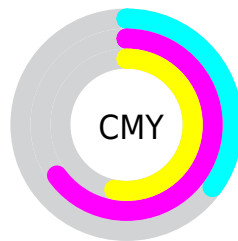
- Red (65%)
- Green (35%)
- Blue (47%)



- Red (65%)
- Yellow (35%)
- Blue (47%)



- Cyan (0%)
- Magenta (46%)
- Yellow (28%)
- Black (35%)





- Cyan (35%)
- Magenta (65%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 35.450, 354.566 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 48, 35.450, 354.566 by changing the saturation by 10% instead.


 48, 35.450,
354.566


 48, 35.450,
354.566


 100, 35.450,
354.566


 38, 35.450,
354.566

 68, 35.450,
354.566


 28, 35.450,
354.566

 78, 35.450,
354.566

 18, 35.450,
354.566


 88, 35.450,
354.566

 8, 35.450, 354.566

 98, 35.450,
354.566

 0, 35.450, 354.566

 48, 35.450,

 48, 35.450,

354.566

354.566

44, 42.675,
356.361

52, 27.786,
353.080

41, 49.115,
358.573

56, 19.972,
351.816

39, 54.396, 1.351

61, 12.201,
350.714

37, 58.249, 4.866

65, 4.598, 349.704

36, 60.712, 9.231

70, 2.768, 169.072

35, 61.590, 10.959

75, 9.864, 168.202

80, 16.683,
167.486

85, 23.230,
166.838

89, 29.519,

Harmonies

Complementary

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



48, 35.450, 354.566



63, 32.502, 164.426

Rectangle

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



48, 35.450, 354.566



48, 35.450, 44.566



48, 35.450, 174.566



48, 35.450, 224.566

Sweetspot

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



48, 35.448, 354.568



79, 13.032, 350.515



46, 47.912, 313.985



41, 9.095, 350.730



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



48, 35.448, 354.568



57, 51.760, 356.324



49, 32.212, 30.007



33, 4.256, 350.017



31, 56.388, 10.399



2, 7.400, 352.807

Inverse Universe

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



48, 35.448, 354.568



57, 51.760, 356.324



62, 22.847, 206.665



33, 4.256, 350.017



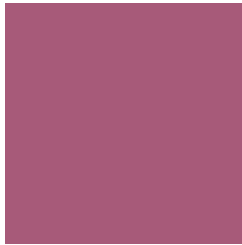
31, 56.388, 10.399



2, 7.400, 352.807

Previews

White Background



This preview shows how the CIELCh color 48, 35.450, 354.566 looks on a white background.

Color Contrast Check

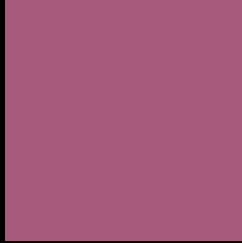
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 35.450, 354.566 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 48, 35.450, 354.566

Background



This preview shows how black text looks on a background with the CIELCh color 48, 35.450, 354.566.



This preview shows how white text looks on a background with the CIELCh color 48, 35.450, 354.566.

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
48, 31.436, 16.548

Trichromacy



Original Color
48, 35.450, 354.566

Protanomaly
48, 17.974, 326.540

Deuteranomaly
48, 17.149, 350.860

Tritanomaly
48, 32.357, 7.696

Monochromacy



Original Color
48, 35.450, 354.566

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 13.448, 349.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 35.450, 354.566 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(167, 90, 121)` looks like.

```
.text, #text, p{  
    color:rgb(167, 90, 121)  
}
```

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(167, 90, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 90, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 35.450, 354.566 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(167, 90, 121) }
```

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

```
.border{ border-color:rgb(167, 90, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 90, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 90, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 90, 121);  
box-shadow:4px 4px 4px 4px rgb(167, 90,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 35.450, 354.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 90, 121) }
```

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

```
.background{ background-color: rgb(167, 90,  
121) }
```

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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