

Converting Colors

CIELCh(48, 75.087, 355.011)

Have a look what the booklet for
CIELCh(48, 75.087, 355.011)
contains.

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Color

CIELCh(48, 74.933, 355.118)

Conversions

Conversions Part 1

Format	Color
Hex	D9137F
RGB	217, 19, 127
RGB Percent	85%, 7%, 50%
CMY	0.1483, 0.9238, 0.5014
CMYK	0.00, 0.91, 0.41, 0.15
HSL	327°, 84%, 46%
HSV	327°, 91%, 85%
XYZ	32.7475, 16.7945, 21.6435
YIQ	90.5140, 83.3400, 75.5640

Conversions

Conversions Part 2

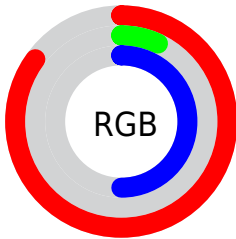
Format	Color
R_{YB}	217, 19, 127
Decimal	14226303
CIE _{Lab}	48.00, 74.66, -6.38
CIE _{LCh}	48, 74.933, 355.118
Yxy	16.7945, 0.4600, 0.2359
Android (android.graphics.Color)	4292416383 (0xFFD9137F)
YUV	90.5140, 17.9876, 110.9282
Hunter-Lab	40.9810, 70.9208, -2.6264

Details

The CIELCh color **48, 74.933, 355.118** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **77, 78.422, 148.730**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 69.185, 349.392**, and **33, 58.773, 1.391** is the 20% darker color. If you saturate the color by 10%, you get **47, 75.737, 358.267**, and if you desaturate by 10%, it is **50, 72.286, 352.201**.

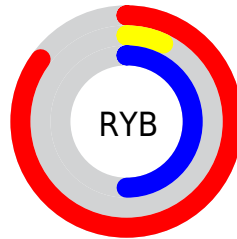
Distribution



Red (85%)

Green (7%)

Blue (50%)



Red (85%)

Yellow (7%)

Blue (50%)

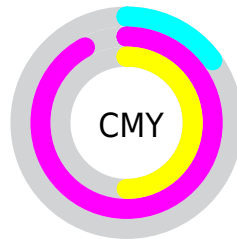


Cyan (0%)

Magenta (91%)

Yellow (41%)

Black (15%)



Cyan (15%)


Magenta (92%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 74.933, 355.118 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, 74.933, 355.118 by changing the saturation by 10% instead.

 48, 74.933,
355.118


 48, 74.933,
355.118


 100, 74.933,
355.118


 38, 74.933,
355.118

 68, 74.933,
355.118


 28, 74.933,
355.118

 78, 74.933,
355.118

 18, 74.933,
355.118

 88, 74.933,
355.118

 8, 74.933, 355.118

 98, 74.933,
355.118

 0, 74.933, 355.118

 48, 74.933,

 48, 74.933,

355.118

■ 47, 75.737,
358.267

355.118

■ 50, 72.286,
352.201

■ 52, 67.344,
349.886

■ 56, 60.346,
348.026

■ 60, 51.778,
346.495

■ 64, 42.173,
345.201

■ 70, 31.997,
344.078

■ 75, 21.605,
343.082

■ 80, 11.242,
342.174

Harmonies

Complementary

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



48, 74.933, 355.118



77, 78.422, 148.730

Rectangle

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



48, 74.933, 355.118



48, 74.933, 45.118



48, 74.933, 175.118



48, 74.933, 225.118

Sweetspot

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



48, 74.929, 355.119



83, 31.669, 343.686



35, 107.559, 311.166



42, 21.356, 344.040



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 74.929, 355.119



55, 85.399, 358.653



46, 85.202, 35.447



43, 5.812, 342.032



37, 64.159, 357.630



6, 25.574, 351.308

Inverse Universe

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



48, 74.929, 355.119



55, 85.399, 358.653



79, 45.531, 189.527



43, 5.812, 342.032



37, 64.159, 357.630



6, 25.574, 351.308

Previews

White Background



This preview shows how the CIELCh color 48, 74.933, 355.118 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, 74.933, 355.118 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, 74.933, 355.118

Background



This preview shows how black text looks on a background with the CIELCh color 48, 74.933, 355.118.

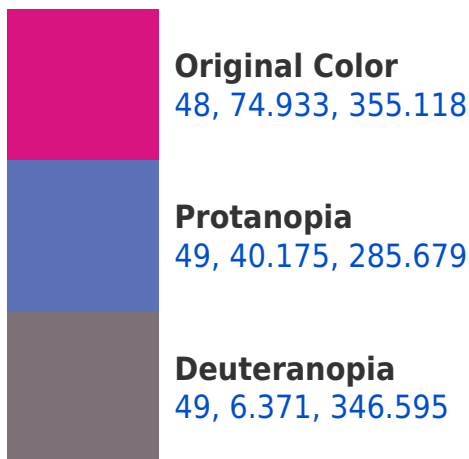


This preview shows how white text looks on a background with the CIELCh color 48, 74.933, 355.118.

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, 72.170, 31.839

Trichromacy



Original Color
48, 74.933, 355.118



Protanomaly
43, 52.009, 317.661



Deuteranomaly
45, 39.868, 347.141

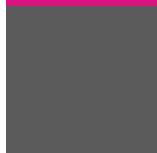


Tritanomaly
48, 70.042, 17.957

Monochromacy



Original Color
48, 74.933, 355.118



Achromatopsia
39, 0.005, 296.813



Achromatomaly
38, 36.574, 346.631

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 74.933, 355.118 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(217, 19, 127)` looks like.

```
.text, #text, p{  
    color:rgb(217, 19, 127)  
}
```

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(217, 19, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 19, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 74.933, 355.118 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(217, 19, 127) }
```

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

```
.border{ border-color:rgb(217, 19, 127) }
```

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

Here you see how a box with a 4 pixel rgb(217, 19, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 19, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 19, 127);  
box-shadow:4px 4px 4px 4px rgb(217, 19,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 74.933, 355.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 19, 127) }
```

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

```
.background{ background-color: rgb(217, 19,  
127) }
```

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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