

Converting Colors

CIELCh(48, 53.717, 341.757)

Have a look what the booklet for
CIELCh(48, 53.717, 341.757)
contains.

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Color

CIELCh(48, 53.797, 341.852)

Conversions

Conversions Part 1

Format	Color
Hex	B54A8F
RGB	181, 74, 143
RGB Percent	71%, 29%, 56%
CMY	0.2889, 0.7086, 0.4380
CMYK	0.00, 0.59, 0.21, 0.29
HSL	321°, 42%, 50%
HSV	321°, 59%, 71%
XYZ	26.5830, 16.7945, 27.9459
YIQ	113.8590, 41.6230, 44.1430

Conversions

Conversions Part 2

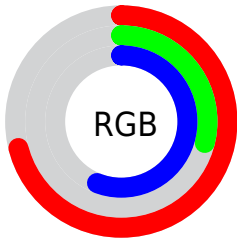
Format	Color
RYB	181, 74, 143
Decimal	11881103
CIELab	48.00, 51.12, -16.76
CIELCh	48, 53.797, 341.852
Yxy	16.7945, 0.3727, 0.2355
Android (android.graphics.Color)	4290071183 (0xFFB54A8F)
YUV	113.8590, 14.3665, 58.8827
Hunter-Lab	40.9810, 44.0700, -11.7445

Details

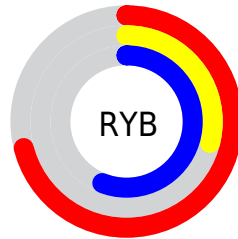
The CIELCh color $48, 53.797, 341.852$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $66, 53.242, 150.532$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 53.686, 341.713$, and $28, 54.023, 341.604$ is the 20% darker color. If you saturate the color by 10%, you get $45, 60.465, 343.157$, and if you desaturate by 10%, it is $52, 45.792, 340.727$.

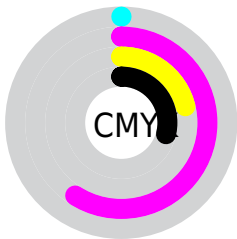
Distribution



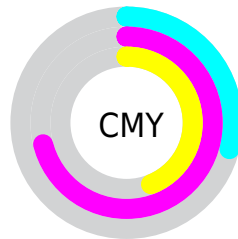
- Red (71%)
- Green (29%)
- Blue (56%)



- Red (71%)
- Yellow (29%)
- Blue (56%)



- Cyan (0%)
- Magenta (59%)
- Yellow (21%)
- Black (29%)





- Cyan (29%)
- Magenta (71%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 53.797, 341.852 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, 53.797, 341.852 by changing the saturation by 10% instead.


 48, 53.797,
341.852


 48, 53.797,
341.852


 100, 53.797,
341.852


 38, 53.797,
341.852

 68, 53.797,
341.852


 28, 53.797,
341.852

 78, 53.797,
341.852

 18, 53.797,
341.852

 88, 53.797,
341.852

 8, 53.797, 341.852

 98, 53.797,
341.852

 0, 53.797, 341.852

 48, 53.797,

 48, 53.797,

341.852

45, 60.465,
343.157

43, 65.357,
344.711

41, 68.163,
346.608

40, 69.105,
348.897

40, 69.178,
349.128

341.852

52, 45.792,
340.727

56, 36.917,
339.730

60, 27.559,
338.829

65, 18.011,
338.000

69, 8.479, 337.218

74, 0.907, 156.914

79, 10.068,
155.920

84, 18.966,
155.286

■ 89, 27.585,
154.700

Harmonies

Complementary

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



48, 53.797, 341.852



66, 53.242, 150.532

Rectangle

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



48, 53.797, 341.852



48, 53.797, 31.852



48, 53.797, 161.852



48, 53.797, 211.852

Sweetspot

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



48, 53.794, 341.853



82, 21.009, 337.942



41, 64.945, 307.739



42, 14.608, 338.173



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



48, 53.794, 341.853



57, 75.461, 343.617



46, 46.636, 16.125



36, 5.383, 337.243



34, 61.914, 348.792



3, 13.449, 342.449

Inverse Universe

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



48, 53.794, 341.853



57, 75.461, 343.617



68, 34.545, 181.678



36, 5.383, 337.243



34, 61.914, 348.792



3, 13.449, 342.449

Previews

White Background



This preview shows how the CIELCh color 48, 53.797, 341.852 looks on a white background.

Color Contrast Check

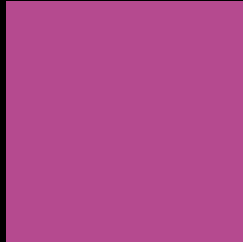
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 48, 53.797, 341.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

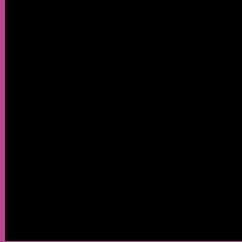
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 53.797, 341.852

Background



This preview shows how black text looks on a background with the CIELCh color 48, 53.797, 341.852.



This preview shows how white text looks on a background with the CIELCh color 48, 53.797, 341.852.

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

48, 53.797, 341.852

Protanopia

48, 34.926, 285.042

Deuteranopia

48, 14.788, 295.008



Tritanopia
48, 40.123, 20.525

Trichromacy



Original Color
48, 53.797, 341.852

Protanomaly
47, 38.536, 308.666

Deuteranomaly
47, 28.568, 325.292

Tritanomaly
48, 42.484, 3.535

Monochromacy



Original Color
48, 53.797, 341.852

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 21.114, 338.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 53.797, 341.852 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(181, 74, 143)` looks like.

```
.text, #text, p{  
    color:rgb(181, 74, 143)  
}
```

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(181, 74, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 74, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 53.797, 341.852 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(181, 74, 143) }
```

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

```
.border{ border-color:rgb(181, 74, 143) }
```

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

Here you see how a box with a 4 pixel rgb(181, 74, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 74, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 74, 143);  
box-shadow:4px 4px 4px 4px rgb(181, 74,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 53.797, 341.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 74, 143) }
```

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

```
.background{ background-color: rgb(181, 74,  
143) }
```

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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