

Converting Colors

CIELCh(44, 50.452, 351.440)

Have a look what the booklet for
CIELCh(44, 50.452, 351.440)
contains.

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Color

CIELCh(44, 50.373, 351.384)

Conversions

Conversions Part 1

Format	Color
Hex	AD4076
RGB	173, 64, 118
RGB Percent	68%, 25%, 46%
CMY	0.3219, 0.7493, 0.5375
CMYK	0.00, 0.63, 0.32, 0.32
HSL	330°, 46%, 46%
HSV	330°, 63%, 68%
XYZ	22.3089, 13.8382, 18.6113
YIQ	102.7470, 47.6300, 39.9020

Conversions

Conversions Part 2

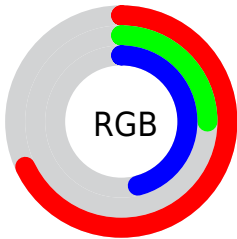
Format	Color
RYB	173, 64, 118
Decimal	11354230
CIELab	44.00, 49.80, -7.55
CIElCh	44, 50.373, 351.384
Yxy	13.8382, 0.4074, 0.2527
Android (android.graphics.Color)	4289544310 (0xFFAD4076)
YUV	102.7470, 7.5197, 61.6119
Hunter-Lab	37.1997, 41.9479, -3.6234

Details

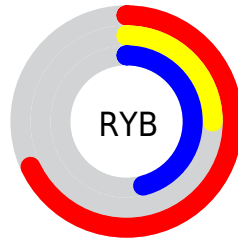
The CIELCh color **44, 50.373, 351.384** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **64, 47.651, 156.763**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 50.087, 351.402**, and **24, 49.468, 351.696** is the 20% darker color. If you saturate the color by 10%, you get **41, 56.041, 353.508**, and if you desaturate by 10%, it is **47, 43.443, 349.660**.

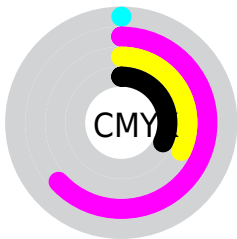
Distribution



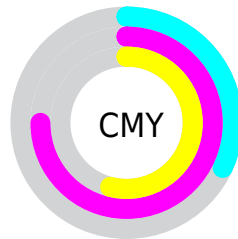
- Red (68%)
- Green (25%)
- Blue (46%)



- Red (68%)
- Yellow (25%)
- Blue (46%)



- Cyan (0%)
- Magenta (63%)
- Yellow (32%)
- Black (32%)



- Cyan (32%)
- Magenta (75%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 50.373, 351.384 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 44, 50.373, 351.384 by changing the saturation by 10% instead.


 44, 50.373,
351.384


 44, 50.373,
351.384


 100, 50.373,
351.384


 34, 50.373,
351.384

 64, 50.373,
351.384


 24, 50.373,
351.384

 74, 50.373,
351.384

 14, 50.373,
351.384

 84, 50.373,
351.384

 4, 50.373, 351.384

 94, 50.373,
351.384

 0, 50.373, 351.384

 44, 50.373,

 44, 50.373,

351.384

41, 56.041,
353.508

39, 60.090,
356.172

38, 62.364,
359.534

37, 63.316, 2.200

351.384

47, 43.443,
349.660

51, 35.678,
348.222

55, 27.452,
346.995

60, 19.052,
345.921

64, 10.678,
344.958

69, 2.456, 343.991

74, 5.541, 163.431

79, 13.277,
162.683

■ 84, 20.742,
162.019

Harmonies

Complementary

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



44, 50.373, 351.384



64, 47.651, 156.763

Rectangle

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



44, 50.373, 351.384



44, 50.373, 41.384



44, 50.373, 171.384



44, 50.373, 221.384

Sweetspot

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



44, 50.370, 351.385



78, 19.369, 345.554



39, 66.774, 312.177



40, 13.345, 345.828



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



44, 50.370, 351.385



52, 70.457, 354.578



43, 50.535, 28.096



34, 4.629, 344.617



32, 57.203, 1.671



2, 9.113, 349.047

Inverse Universe

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



44, 50.370, 351.385



52, 70.457, 354.578



65, 31.665, 196.834



34, 4.629, 344.617



32, 57.203, 1.671



2, 9.113, 349.047

Previews

White Background



This preview shows how the CIELCh color 44, 50.373, 351.384 looks on a white background.

Color Contrast Check

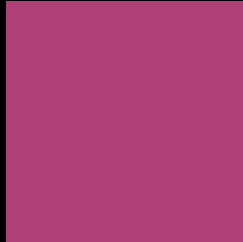
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 50.373, 351.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

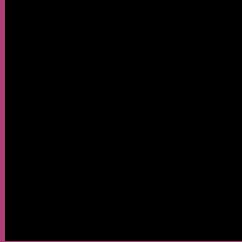
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 50.373, 351.384

Background



This preview shows how black text looks on a background with the CIELCh color 44, 50.373, 351.384.



This preview shows how white text looks on a background with the CIELCh color 44, 50.373, 351.384.

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

44, 50.373, 351.384

Protanopia

44, 25.278, 285.239

Deuteranopia

44, 7.046, 322.102



Tritanopia
44, 43.723, 22.876

Trichromacy



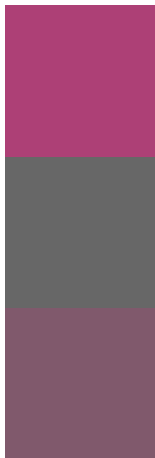
Original Color
44, 50.373, 351.384

Protanomaly
43, 30.184, 317.005

Deuteranomaly
43, 24.172, 343.194

Tritanomaly
44, 44.205, 10.094

Monochromacy



Original Color
44, 50.373, 351.384

Achromatopsia
44, 0.006, 296.813

Achromatomaly
42, 19.689, 347.098

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 50.373, 351.384 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(173, 64, 118)` looks like.

```
.text, #text, p{  
    color:rgb(173, 64, 118)  
}
```

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(173, 64, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 64, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 50.373, 351.384 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(173, 64, 118) }
```

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

```
.border{ border-color:rgb(173, 64, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 64, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 64, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 64, 118);  
box-shadow:4px 4px 4px 4px rgb(173, 64,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 50.373, 351.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 64, 118) }
```

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

```
.background{ background-color: rgb(173, 64,  
118) }
```

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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