

Converting Colors

CIELCh(48, 47.085, 358.701)

Have a look what the booklet for
CIELCh(48, 47.085, 358.701)
contains.

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Color

CIELCh(48, 47.248, 358.923)

Conversions

Conversions Part 1

Format	Color
Hex	B84D75
RGB	184, 77, 117
RGB Percent	72%, 30%, 46%
CMY	0.2783, 0.6979, 0.5410
CMYK	0.00, 0.58, 0.36, 0.28
HSL	338°, 43%, 51%
HSV	338°, 58%, 72%
XYZ	25.6476, 16.7945, 18.7314
YIQ	113.5530, 50.9320, 35.1240

Conversions

Conversions Part 2

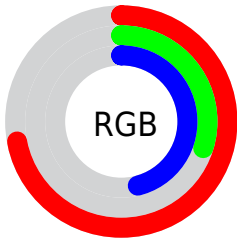
Format	Color
RYB	184, 77, 117
Decimal	12078453
CIELab	48.00, 47.24, -0.89
CIELCh	48, 47.248, 358.923
Yxy	16.7945, 0.4193, 0.2745
Android (android.graphics.Color)	4290268533 (0xFFB84D75)
YUV	113.5530, 1.6994, 61.7820
Hunter-Lab	40.9810, 39.9956, 1.5868

Details

The CIELCh color **48, 47.248, 358.923** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **68, 41.919, 164.476**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 47.437, 358.804**, and **28, 47.177, 358.854** is the 20% darker color. If you saturate the color by 10%, you get **45, 54.031, 1.398**, and if you desaturate by 10%, it is **52, 39.558, 356.940**.

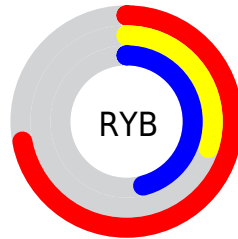
Distribution



Red (72%)

Green (30%)

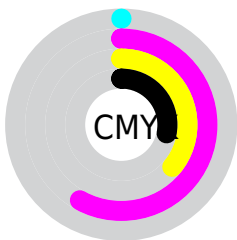
Blue (46%)



Red (72%)

Yellow (30%)

Blue (46%)

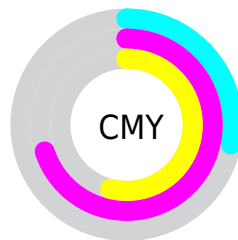


Cyan (0%)

Magenta (58%)

Yellow (36%)

Black (28%)



Cyan (28%)


Magenta (70%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 47.248, 358.923 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, 47.248, 358.923 by changing the saturation by 10% instead.


 48, 47.248,
358.923


 48, 47.248,
358.923


 100, 47.248,
358.923

 38, 47.248,
358.923

 68, 47.248,
358.923


 28, 47.248,
358.923

 78, 47.248,
358.923

 18, 47.248,
358.923

 88, 47.248,
358.923

 8, 47.248, 358.923

 98, 47.248,
358.923

 0, 47.248, 358.923

 48, 47.248,

 48, 47.248,

358.923

358.923

■ 45, 54.031, 1.398

■ 52, 39.558,
356.940

■ 42, 59.535, 4.527

■ 56, 31.361,
355.315

■ 40, 63.533, 8.480

■ 39, 66.252, 13.282

■ 61, 22.974,
353.951

■ 39, 66.763, 14.188

■ 66, 14.625,
352.778

■ 71, 6.458, 351.729

■ 76, 1.445, 171.193

■ 81, 9.047, 170.145

■ 86, 16.337,
169.400

■ 91, 23.323,

Harmonies

Complementary

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



48, 47.248, 358.923



68, 41.919, 164.476

Rectangle

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



48, 47.248, 358.923



48, 47.248, 48.923



48, 47.248, 178.923



48, 47.248, 228.923

Sweetspot

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



48, 47.245, 358.925



84, 16.970, 352.685



45, 65.316, 315.486



43, 11.376, 352.903



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



48, 47.245, 358.925



57, 68.088, 2.270



49, 44.795, 34.094



36, 4.497, 351.852



33, 58.845, 13.416



2, 11.501, 357.829

Inverse Universe

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



48, 47.245, 358.925



57, 68.088, 2.270



65, 28.280, 211.610



36, 4.497, 351.852



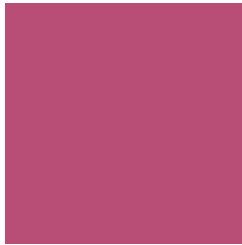
33, 58.845, 13.416



2, 11.501, 357.829

Previews

White Background



This preview shows how the CIELCh color 48, 47.248, 358.923 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, 47.248, 358.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

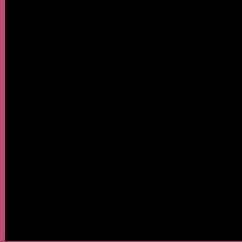
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 47.248, 358.923

Background



This preview shows how black text looks on a background with the CIELCh color 48, 47.248, 358.923.



This preview shows how white text looks on a background with the CIELCh color 48, 47.248, 358.923.

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, 47.248, 358.923

Protanopia

48, 15.950, 287.037

Deuteranopia

48, 6.668, 15.123



Tritanopia
48, 43.881, 22.369

Trichromacy



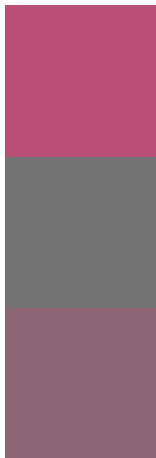
Original Color
48, 47.248, 358.923

Protanomaly
47, 23.527, 329.108

Deuteranomaly
48, 22.085, 359.163

Tritanomaly
48, 44.165, 13.249

Monochromacy



Original Color
48, 47.248, 358.923

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 17.679, 354.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 47.248, 358.923 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(184, 77, 117)` looks like.

```
.text, #text, p{  
    color:rgb(184, 77, 117)  
}
```

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(184, 77, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 77, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 47.248, 358.923 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(184, 77, 117) }
```

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

```
.border{ border-color:rgb(184, 77, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 77, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 77, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 77, 117);  
box-shadow:4px 4px 4px 4px rgb(184, 77,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 47.248, 358.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 77, 117) }
```

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

```
.background{ background-color: rgb(184, 77,  
117) }
```

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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