

Converting Colors

CIELCh(46, 48.051, 357.552)

Have a look what the booklet for
CIELCh(46, 48.051, 357.552)
contains.

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Color

CIELCh(46, 48.094, 357.621)

Conversions

Conversions Part 1

Format	Color
Hex	B34772
RGB	179, 71, 114
RGB Percent	70%, 28%, 45%
CMY	0.2986, 0.7221, 0.5534
CMYK	0.00, 0.60, 0.36, 0.30
HSL	336°, 43%, 49%
HSV	336°, 60%, 70%
XYZ	23.8328, 15.2687, 17.5739
YIQ	108.1940, 50.5650, 36.2690

Conversions

Conversions Part 2

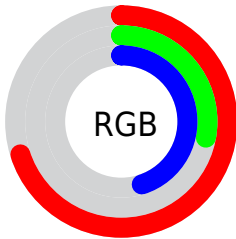
Format	Color
R_{YB}	179, 71, 114
Decimal	11749234
CIE _{Lab}	46.00, 48.05, -2.00
CIE _{LCh}	46, 48.094, 357.621
Yxy	15.2687, 0.4205, 0.2694
Android (android.graphics.Color)	4289939314 (0xFFB34772)
YUV	108.1940, 2.8624, 62.0969
Hunter-Lab	39.0751, 40.4897, 0.6871

Details

The CIELCh color **46, 48.094, 357.621** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **66, 43.218, 162.626**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 48.400, 357.412**, and **26, 48.062, 357.607** is the 20% darker color. If you saturate the color by 10%, you get **43, 54.415, 0.105**, and if you desaturate by 10%, it is **50, 40.755, 355.632**.

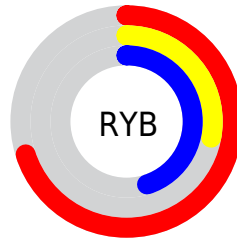
Distribution



Red (70%)

Green (28%)

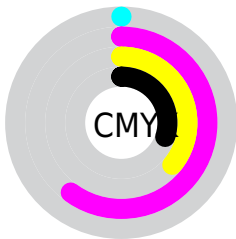
Blue (45%)



Red (70%)

Yellow (28%)

Blue (45%)

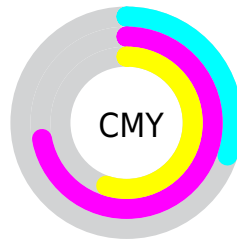


Cyan (0%)

Magenta (60%)

Yellow (36%)

Black (30%)



Cyan (30%)


Magenta (72%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 48.094, 357.621 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 46, 48.094, 357.621 by changing the saturation by 10% instead.


 46, 48.094,
357.621


 46, 48.094,
357.621


 100, 48.094,
357.621


 36, 48.094,
357.621

 66, 48.094,
357.621


 26, 48.094,
357.621

 76, 48.094,
357.621

 16, 48.094,
357.621

 86, 48.094,
357.621

 6, 48.094, 357.621

 96, 48.094,
357.621

 0, 48.094, 357.621

 46, 48.094,

 46, 48.094,

357.621

357.621

43, 54.415, 0.105

50, 40.755,
355.632

40, 59.362, 3.243

54, 32.803,
354.001

39, 62.754, 7.206

38, 64.994, 11.705

58, 24.574,
352.632

63, 16.316,
351.455

68, 8.191, 350.411

73, 0.296, 348.179

78, 7.321, 168.804

83, 14.642,
168.043

88, 21.669,

Harmonies

Complementary

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



46, 48.094, 357.621



66, 43.218, 162.626

Rectangle

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



46, 48.094, 357.621



46, 48.094, 47.621



46, 48.094, 177.621



46, 48.094, 227.621

Sweetspot

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



46, 48.091, 357.622



81, 17.765, 351.230



43, 66.068, 315.045



42, 12.490, 351.546



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



46, 48.091, 357.622



55, 68.018, 0.923



47, 46.269, 33.305



35, 4.457, 350.305



32, 57.855, 10.998



2, 10.080, 355.436

Inverse Universe

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



46, 48.091, 357.622



55, 68.018, 0.923



64, 28.677, 209.427



35, 4.457, 350.305



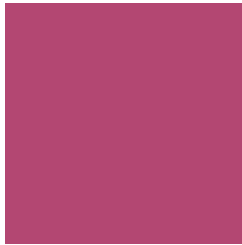
32, 57.855, 10.998



2, 10.080, 355.436

Previews

White Background



This preview shows how the CIELCh color 46, 48.094, 357.621 looks on a white background.

Color Contrast Check

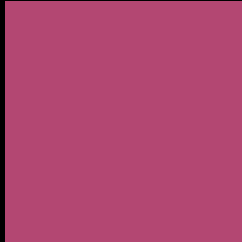
Large Text (above 18pt) WCAG AA ✓ Pass

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 46, 48.094, 357.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

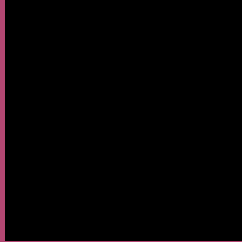
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 48.094, 357.621

Background



This preview shows how black text looks on a background with the CIELCh color 46, 48.094, 357.621.

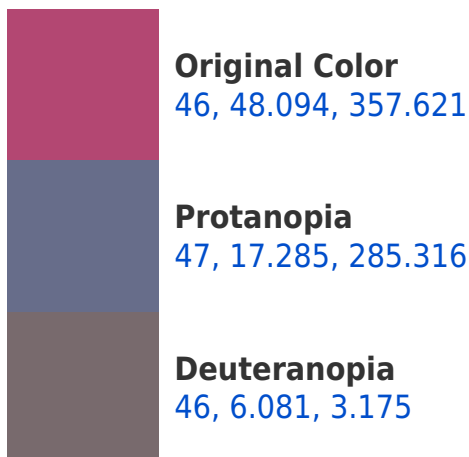


This preview shows how white text looks on a background with the CIELCh color 46, 48.094, 357.621.

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
46, 44.162, 22.052

Trichromacy



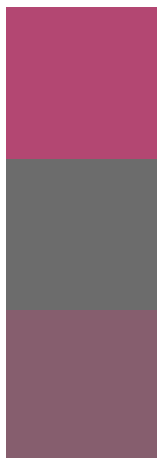
Original Color
46, 48.094, 357.621

Protanomaly
45, 24.600, 327.450

Deuteranomaly
45, 22.478, 354.548

Tritanomaly
46, 44.434, 12.947

Monochromacy



Original Color
46, 48.094, 357.621

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 19.076, 352.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 48.094, 357.621 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(179, 71, 114)` looks like.

```
.text, #text, p{  
    color:rgb(179, 71, 114)  
}
```

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(179, 71, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 71, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 48.094, 357.621 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(179, 71, 114) }
```

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

```
.border{ border-color:rgb(179, 71, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 71, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 71, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 71, 114);  
box-shadow:4px 4px 4px 4px rgb(179, 71,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 48.094, 357.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 71, 114) }
```

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

```
.background{ background-color: rgb(179, 71,  
114) }
```

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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