

Converting Colors

CIELCh(46, 50.222, 27.412)

Have a look what the booklet for
CIELCh(46, 50.222, 27.412) contains.

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Color

CIELCh(46, 50.212, 27.379)

Conversions

Conversions Part 1

Format	Color
Hex	B74949
RGB	183, 73, 73
RGB Percent	72%, 29%, 29%
CMY	0.2831, 0.7143, 0.7143
CMYK	0.00, 0.60, 0.60, 0.28
HSL	360°, 43%, 50%
HSV	360°, 60%, 72%
XYZ	23.0556, 15.2687, 8.0110
YIQ	105.8900, 65.5600, 23.3200

Conversions

Conversions Part 2

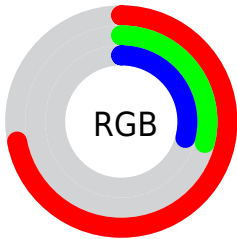
Format	Color
R _Y B	183, 73, 73
Decimal	12011849
CIE Lab	46.00, 44.59, 23.09
CIE LCh	46, 50.212, 27.379
Yxy	15.2687, 0.4976, 0.3295
Android (android.graphics.Color)	4290201929 (0xFFB74949)
YUV	105.8900, -16.2148, 67.6255
Hunter-Lab	39.0751, 36.9395, 15.1973

Details

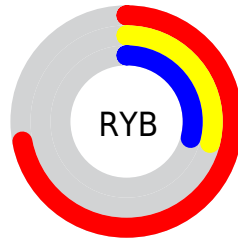
The CIELCh color **46, 50.212, 27.379** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **68, 32.160, 196.885**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 49.889, 27.245**, and **26, 50.192, 27.565** is the 20% darker color. If you saturate the color by 10%, you get **43, 59.483, 30.299**, and if you desaturate by 10%, it is **50, 40.860, 25.060**.

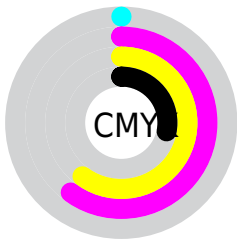
Distribution



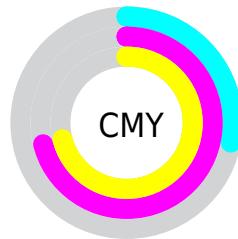
- Red (72%)
- Green (29%)
- Blue (29%)



- Red (72%)
- Yellow (29%)
- Blue (29%)



- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (28%)



- Cyan (28%)
- Magenta (71%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 50.212, 27.379 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, 50.212, 27.379 by changing the saturation by 10% instead.

■ 46, 50.212, 27.379

■ 46, 50.212, 27.379

■ 100, 50.212,
27.379

■ 36, 50.212, 27.379

■ 66, 50.212, 27.379

■ 26, 50.212, 27.379

■ 76, 50.212, 27.379

■ 16, 50.212, 27.379

■ 86, 50.212, 27.379

■ 6, 50.212, 27.379

■ 96, 50.212, 27.379

■ 0, 50.212, 27.379

■ 46, 50.212, 27.379

■ 46, 50.212, 27.379

■ 43, 59.483, 30.299

■ 50, 40.860, 25.060

■ 40, 68.274, 33.729

■ 54, 31.724, 23.263

■ 39, 75.836, 37.194

■ 59, 23.001, 21.883

■ 38, 81.437, 39.988

■ 64, 14.803, 20.819

■ 69, 7.173, 19.970

■ 74, 0.105, 14.500

■ 80, 6.434, 198.995

■ 85, 12.492,
198.562

■ 90, 18.121,
198.233

Harmonies

Complementary

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



46, 50.212, 27.379



68, 32.160, 196.885

Rectangle

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



46, 50.212, 27.379



46, 50.212, 77.379



46, 50.212, 207.379



46, 50.212, 257.379

Sweetspot

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



46, 50.210, 27.382



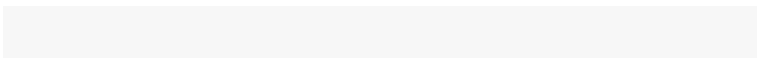
82, 16.218, 20.648



49, 69.297, 326.911



42, 11.489, 20.919



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



46, 50.210, 27.382



54, 75.631, 31.299



58, 40.843, 66.296



36, 4.004, 19.906



32, 71.866, 39.594



2, 10.638, 19.398

Inverse Universe

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



46, 50.210, 27.382



54, 75.631, 31.299



53, 33.657, 265.951



36, 4.004, 19.906



32, 71.866, 39.594



2, 10.638, 19.398

Previews

White Background



This preview shows how the CIELCh color 46, 50.212, 27.379 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 46, 50.212, 27.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

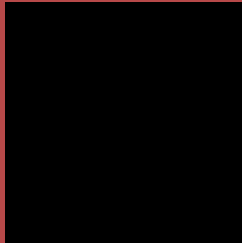
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 50.212, 27.379

Background



This preview shows how black text looks on a background with the CIELCh color 46, 50.212, 27.379.



This preview shows how white text looks on a background with the CIELCh color 46, 50.212, 27.379.

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

46, 50.212, 27.379

Protanopia

46, 12.774, 94.459

Deuteranopia

46, 26.238, 76.771



Tritanopia
46, 49.790, 24.376

Trichromacy



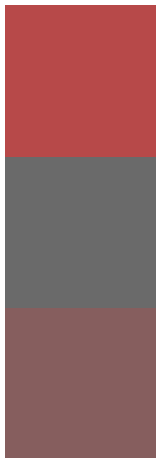
Original Color
46, 50.212, 27.379

Protanomaly
45, 22.110, 43.422

Deuteranomaly
45, 31.719, 48.304

Tritanomaly
46, 50.143, 25.651

Monochromacy



Original Color
46, 50.212, 27.379

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 17.601, 21.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 50.212, 27.379 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(183, 73, 73)` looks like.

```
.text, #text, p{  
    color:rgb(183, 73, 73)  
}
```

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(183, 73, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 73, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 50.212, 27.379 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(183, 73, 73) }
```

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

```
.border{ border-color:rgb(183, 73, 73) }
```

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

Here you see how a box with a 4 pixel rgb(183, 73, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 73, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 73, 73);  
box-shadow:4px 4px 4px 4px rgb(183, 73,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 50.212, 27.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 73, 73) }
```

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

```
.background{ background-color: rgb(183, 73,  
73) }
```

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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