

Converting Colors

CIELCh(46, 54.925, 33.990)

Have a look what the booklet for
CIELCh(46, 54.925, 33.990) contains.

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Color

CIELCh(46, 55.164, 33.969)

Conversions

Conversions Part 1

Format	Color
Hex	BA473C
RGB	186, 71, 60
RGB Percent	73%, 28%, 24%
CMY	0.2706, 0.7216, 0.7647
CMYK	0.00, 0.62, 0.68, 0.27
HSL	5°, 51%, 48%
HSV	5°, 68%, 73%
XYZ	23.3144, 15.2687, 5.9921
YIQ	104.1310, 72.0710, 20.9590

Conversions

Conversions Part 2

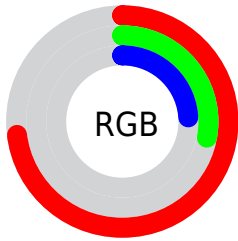
Format	Color
RYB	186, 72, 60
Decimal	12207932
CIELab	46.00, 45.75, 30.82
CIELCh	46, 55.164, 33.969
Yxy	15.2687, 0.5230, 0.3425
Android (android.graphics.Color)	4290398012 (0xFFBA473C)
YUV	104.1310, -21.7566, 71.7991
Hunter-Lab	39.0751, 38.1215, 18.2606

Details

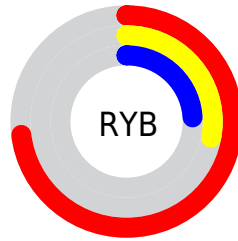
The CIELCh color **46, 55.164, 33.969** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **66, 31.875, 208.139**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 54.974, 33.866**, and **26, 54.994, 34.039** is the 20% darker color. If you saturate the color by 10%, you get **43, 64.521, 36.254**, and if you desaturate by 10%, it is **49, 45.730, 32.056**.

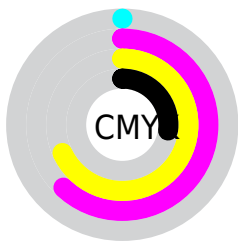
Distribution



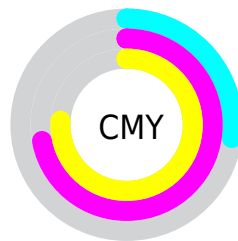
- Red (73%)
- Green (28%)
- Blue (24%)



- Red (73%)
- Yellow (28%)
- Blue (24%)



- Cyan (0%)
- Magenta (62%)
- Yellow (68%)
- Black (27%)



- Cyan (27%)
- Magenta (72%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 55.164, 33.969 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, 55.164, 33.969 by changing the saturation by 10% instead.

■ 46, 55.164, 33.969

■ 46, 55.164, 33.969

■ 100, 55.164,
33.969

■ 36, 55.164, 33.969

■ 66, 55.164, 33.969

■ 26, 55.164, 33.969

■ 76, 55.164, 33.969

■ 16, 55.164, 33.969

■ 86, 55.164, 33.969

■ 6, 55.164, 33.969

■ 96, 55.164, 33.969

■ 0, 55.164, 33.969

■ 46, 55.164, 33.969

■ 46, 55.164, 33.969

■ 43, 64.521, 36.254

■ 49, 45.730, 32.056

■ 41, 73.143, 38.609

■ 53, 36.559, 30.552

39, 79.817, 40.437

58, 27.838, 29.415

39, 81.216, 40.978

62, 19.665, 28.573

67, 12.074, 27.957

72, 5.059, 27.475

77, 1.416, 207.667

82, 7.396, 207.182

87, 12.933,
207.045

Harmonies

Complementary

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



46, 55.164, 33.969



66, 31.875, 208.139

Rectangle

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



46, 55.164, 33.969



46, 55.164, 83.969



46, 55.164, 213.969



46, 55.164, 263.969

Sweetspot

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



46, 55.162, 33.972



84, 17.049, 28.098



48, 72.734, 330.489



43, 11.862, 28.267



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



46, 55.162, 33.972



55, 83.693, 37.361



60, 48.082, 74.603



36, 3.686, 27.550



33, 70.664, 40.891



3, 9.994, 25.076

Inverse Universe

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



66, 31.875, 208.139



82, 42.052, 209.405



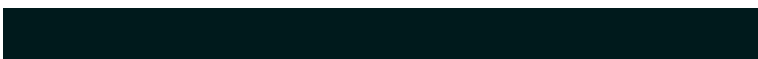
47, 44.437, 278.744



38, 3.472, 207.226



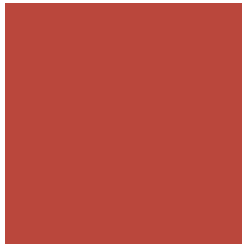
54, 31.208, 211.456



7, 9.260, 210.592

Previews

White Background



This preview shows how the CIELCh color 46, 55.164, 33.969 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, 55.164, 33.969 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, 55.164, 33.969

Background



This preview shows how black text looks on a background with the CIELCh color 46, 55.164, 33.969.



This preview shows how white text looks on a background with the CIELCh color 46, 55.164, 33.969.

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, 55.164, 33.969

Protanopia

46, 21.495, 96.160

Deuteranopia

46, 33.128, 79.081



Tritanopia
46, 53.152, 25.883

Trichromacy



Original Color
46, 55.164, 33.969

Protanomaly
45, 28.063, 55.468

Deuteranomaly
45, 38.096, 54.933

Tritanomaly
46, 53.893, 29.210

Monochromacy



Original Color
46, 55.164, 33.969

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 19.053, 28.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 55.164, 33.969 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(186, 71, 60)` looks like.

```
.text, #text, p{  
    color:rgb(186, 71, 60)  
}
```

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(186, 71, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 71, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 55.164, 33.969 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(186, 71, 60) }
```

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

```
.border{ border-color:rgb(186, 71, 60) }
```

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

Here you see how a box with a 4 pixel rgb(186, 71, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 71, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 71, 60);  
box-shadow:4px 4px 4px 4px rgb(186, 71,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 55.164, 33.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 71, 60) }
```

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

```
.background{ background-color: rgb(186, 71,  
60) }
```

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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