

Converting Colors

CIELCh(46, 35.297, 55.645)

Have a look what the booklet for
CIELCh(46, 35.297, 55.645) contains.

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Color

CIELCh(46, 35.409, 55.366)

Conversions

Conversions Part 1

Format	Color
Hex	995F3D
RGB	153, 95, 61
RGB Percent	60%, 37%, 24%
CMY	0.4004, 0.6278, 0.7611
CMYK	0.00, 0.38, 0.60, 0.40
HSL	22°, 43%, 42%
HSV	22°, 60%, 60%
XYZ	18.0440, 15.2687, 6.3999
YIQ	108.4660, 45.4820, 1.7220

Conversions

Conversions Part 2

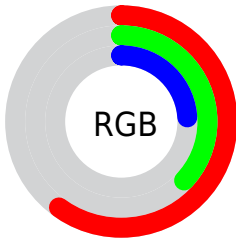
Format	Color
RYB	153, 115, 61
Decimal	10051389
CIELab	46.00, 20.12, 29.13
CIElCh	46, 35.409, 55.366
Yxy	15.2687, 0.4544, 0.3845
Android (android.graphics.Color)	4288241469 (0xFF995F3D)
YUV	108.4660, -23.4007, 39.0563
Hunter-Lab	39.0751, 14.0455, 17.6418

Details

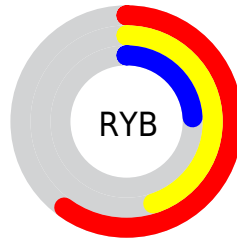
The CIELCh color **46, 35.409, 55.366** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **48, 25.512, 250.771**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 35.401, 55.766**, and **26, 35.244, 55.170** is the 20% darker color. If you saturate the color by 10%, you get **44, 42.484, 54.725**, and if you desaturate by 10%, it is **49, 28.587, 56.037**.

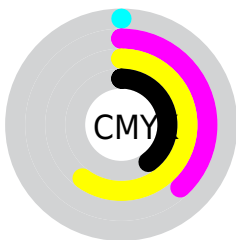
Distribution



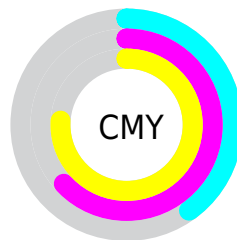
- Red (60%)
- Green (37%)
- Blue (24%)



- Red (60%)
- Yellow (45%)
- Blue (24%)



- Cyan (0%)
- Magenta (38%)
- Yellow (60%)
- Black (40%)



- Cyan (40%)
- Magenta (63%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 35.409, 55.366 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, 35.409, 55.366 by changing the saturation by 10% instead.

■ 46, 35.409, 55.366

■ 46, 35.409, 55.366

■ 100, 35.409,
55.366

■ 36, 35.409, 55.366

■ 66, 35.409, 55.366

■ 26, 35.409, 55.366

■ 76, 35.409, 55.366

■ 16, 35.409, 55.366

■ 86, 35.409, 55.366

■ 6, 35.409, 55.366

■ 96, 35.409, 55.366

■ 0, 35.409, 55.366

■ 46, 35.409, 55.366

■ 46, 35.409, 55.366

■ 44, 42.484, 54.725

■ 49, 28.587, 56.037

■ 41, 49.557, 54.000

■ 51, 22.127, 56.759

39, 56.079, 52.949

54, 16.059, 57.540

37, 61.811, 51.772

57, 10.378, 58.365

60, 5.059, 59.202

63, 0.072, 54.853

66, 4.620, 241.168

69, 9.047, 242.035

72, 13.243,
242.921

Harmonies

Complementary

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



46, 35.409, 55.366



48, 25.512, 250.771

Rectangle

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



46, 35.409, 55.366



46, 35.409, 105.366



46, 35.409, 235.366



46, 35.409, 285.366

Sweetspot

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



46, 35.408, 55.370



74, 11.414, 58.517



40, 47.338, 342.504



38, 7.982, 58.291



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



46, 35.408, 55.370



55, 54.449, 54.505



58, 43.661, 97.619



31, 2.808, 59.277



34, 57.875, 52.058



2, 2.955, 59.419

Inverse Universe

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



48, 25.512, 250.771



58, 36.234, 255.279



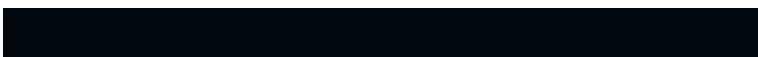
34, 49.665, 294.204



31, 2.699, 241.187



36, 34.999, 266.681



2, 2.967, 241.496

Previews

White Background



This preview shows how the CIELCh color 46, 35.409, 55.366 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, 35.409, 55.366 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, 35.409, 55.366

Background



This preview shows how black text looks on a background with the CIELCh color 46, 35.409, 55.366.



This preview shows how white text looks on a background with the CIELCh color 46, 35.409, 55.366.

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, 35.409, 55.366

Protanopia

46, 25.641, 95.071

Deuteranopia

46, 30.364, 78.114



Tritanopia
46, 28.558, 15.406

Trichromacy



Original Color
46, 35.409, 55.366

Protanomaly
46, 27.310, 77.674

Deuteranomaly
46, 31.445, 69.017

Tritanomaly
46, 28.924, 32.280

Monochromacy



Original Color
46, 35.409, 55.366

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 11.774, 57.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 35.409, 55.366 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(153, 95, 61)` looks like.

```
.text, #text, p{  
    color:rgb(153, 95, 61)  
}
```

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(153, 95, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 95, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 35.409, 55.366 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(153, 95, 61) }
```

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

```
.border{ border-color:rgb(153, 95, 61) }
```

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

Here you see how a box with a 4 pixel rgb(153, 95, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 95, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 95, 61);  
box-shadow:4px 4px 4px 4px rgb(153, 95,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 35.409, 55.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 95, 61) }
```

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

```
.background{ background-color: rgb(153, 95,  
61) }
```

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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