

Converting Colors

CIELCh(46, 25.359, 39.531)

Have a look what the booklet for
CIELCh(46, 25.359, 39.531) contains.

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Color

CIELCh(46, 25.359, 39.531)

Conversions

Conversions Part 1

Format	Color
Hex	946053
RGB	148, 96, 83
RGB Percent	58%, 38%, 33%
CMY	0.4199, 0.6237, 0.6747
CMYK	0.00, 0.35, 0.44, 0.42
HSL	12°, 28%, 45%
HSV	12°, 44%, 58%
XYZ	17.9377, 15.2687, 10.1740
YIQ	110.0660, 35.1650, 6.9810

Conversions

Conversions Part 2

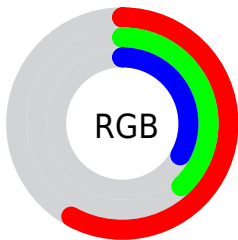
Format	Color
R_{YB}	148, 99, 83
Decimal	9723987
CIE _{Lab}	46.00, 19.56, 16.14
CIE _{LCh}	46, 25.359, 39.531
Yxy	15.2687, 0.4135, 0.3520
Android (android.graphics.Color)	4287914067 (0xFF946053)
YUV	110.0660, -13.3435, 33.2681
Hunter-Lab	39.0751, 13.5602, 11.9153

Details

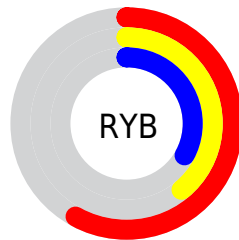
The CIELCh color **46, 25.359, 39.531** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **53, 18.530, 222.037**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 25.291, 39.026**, and **26, 25.442, 39.628** is the 20% darker color. If you saturate the color by 10%, you get **43, 32.364, 40.000**, and if you desaturate by 10%, it is **49, 18.812, 39.272**.

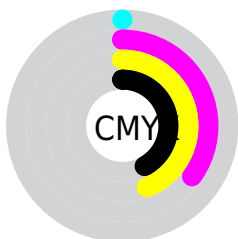
Distribution



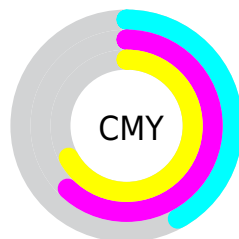
- Red (58%)
- Green (38%)
- Blue (33%)



- Red (58%)
- Yellow (39%)
- Blue (33%)



- Cyan (0%)
- Magenta (35%)
- Yellow (44%)
- Black (42%)



- Cyan (42%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 25.359, 39.531 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, 25.359, 39.531 by changing the saturation by 10% instead.

■ 46, 25.359, 39.531

■ 46, 25.359, 39.531

■ 100, 25.359,
39.531

■ 36, 25.359, 39.531

■ 66, 25.359, 39.531

■ 26, 25.359, 39.531

■ 76, 25.359, 39.531

■ 16, 25.359, 39.531

■ 86, 25.359, 39.531

■ 6, 25.359, 39.531

■ 96, 25.359, 39.531

■ 0, 25.359, 39.531

■ 46, 25.359, 39.531

■ 46, 25.359, 39.531

■ 43, 32.364, 40.000

■ 49, 18.812, 39.272

■ 40, 39.770, 40.688

■ 53, 12.738, 39.173

37, 47.423, 41.577

56, 7.121, 39.193

35, 54.988, 42.533

60, 1.931, 39.180

33, 61.733, 43.176

64, 2.872, 219.785

32, 65.497, 43.732

67, 7.328, 219.979

71, 11.476,
220.284

75, 15.351,
220.628

78, 18.989,
220.995

Harmonies

Complementary

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



46, 25.359, 39.531



53, 18.530, 222.037

Rectangle

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



46, 25.359, 39.531



46, 25.359, 89.531



46, 25.359, 219.531



46, 25.359, 269.531

Sweetspot

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



46, 25.358, 39.536



72, 8.171, 39.197



45, 38.877, 333.343



37, 5.810, 39.186



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



46, 25.358, 39.536



55, 39.233, 40.008



55, 27.406, 88.189



29, 2.833, 39.220



30, 61.745, 43.630



1, 2.397, 39.478

Inverse Universe

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



53, 18.530, 222.037



66, 26.228, 223.291



44, 27.722, 280.920



30, 2.680, 219.834



43, 27.727, 234.550



2, 2.397, 219.498

Previews

White Background



This preview shows how the CIELCh color 46, 25.359, 39.531 looks on a white background.

Color Contrast Check

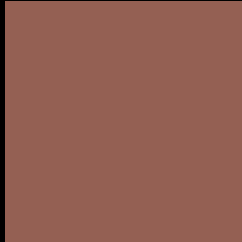
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.359, 39.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

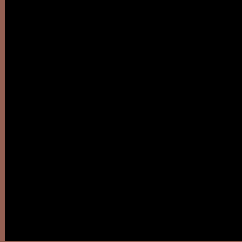
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 25.359, 39.531

Background



This preview shows how black text looks on a background with the CIELCh color 46, 25.359, 39.531.



This preview shows how white text looks on a background with the CIELCh color 46, 25.359, 39.531.

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, 25.359, 39.531

Protanopia

46, 12.202, 93.915

Deuteranopia

46, 18.089, 70.963



Tritanopia
46, 24.516, 13.328

Trichromacy



Original Color
46, 25.359, 39.531

Protanomaly
46, 14.873, 62.419

Deuteranomaly
46, 19.821, 56.905

Tritanomaly
46, 24.364, 22.700

Monochromacy



Original Color
46, 25.359, 39.531

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 8.700, 40.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 25.359, 39.531 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(148, 96, 83)` looks like.

```
.text, #text, p{  
    color:rgb(148, 96, 83)  
}
```

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(148, 96, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 96, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 25.359, 39.531 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(148, 96, 83) }
```

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

```
.border{ border-color:rgb(148, 96, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 96, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 96, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 96, 83);  
box-shadow:4px 4px 4px 4px rgb(148, 96,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 25.359, 39.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 96, 83) }
```

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

```
.background{ background-color: rgb(148, 96,  
83) }
```

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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