

Converting Colors

CIELCh(43, 44.783, 46.328)

Have a look what the booklet for
CIELCh(43, 44.783, 46.328) contains.

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Color

CIELCh(43, 44.783, 46.605)

Conversions

Conversions Part 1

Format	Color
Hex	9F4F31
RGB	159, 79, 49
RGB Percent	62%, 31%, 19%
CMY	0.3769, 0.6906, 0.8082
CMYK	0.00, 0.50, 0.69, 0.38
HSL	16°, 53%, 41%
HSV	16°, 69%, 62%
XYZ	17.6164, 13.1578, 4.5069
YIQ	99.5000, 57.3100, 7.6300

Conversions

Conversions Part 2

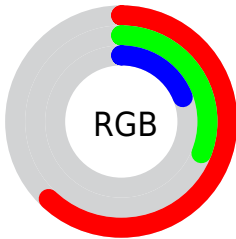
Format	Color
R_{YB}	159, 90, 49
Decimal	10440497
CIE _{Lab}	43.00, 30.77, 32.54
CIE _{LCh}	43, 44.783, 46.605
Yxy	13.1578, 0.4993, 0.3729
Android (android.graphics.Color)	4288630577 (0xFF9F4F31)
YUV	99.5000, -24.8965, 52.1815
Hunter-Lab	36.2736, 23.2101, 18.0250

Details

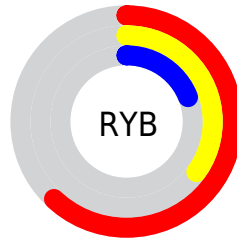
The CIELCh color **43, 44.783, 46.605** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **50, 27.182, 238.316**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 44.848, 46.991**, and **23, 44.667, 46.645** is the 20% darker color. If you saturate the color by 10%, you get **40, 52.631, 46.787**, and if you desaturate by 10%, it is **46, 37.043, 46.471**.

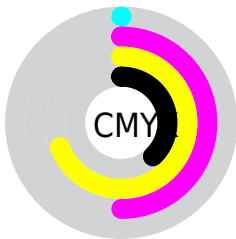
Distribution



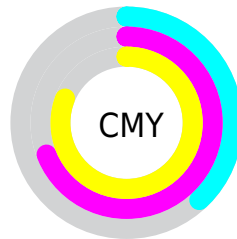
- Red (62%)
- Green (31%)
- Blue (19%)



- Red (62%)
- Yellow (35%)
- Blue (19%)



- Cyan (0%)
- Magenta (50%)
- Yellow (69%)
- Black (38%)



- Cyan (38%)
- Magenta (69%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 44.783, 46.605 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 43, 44.783, 46.605 by changing the saturation by 10% instead.

■ 43, 44.783, 46.605

■ 43, 44.783, 46.605

■ 100, 44.783,
46.605

■ 33, 44.783, 46.605

■ 63, 44.783, 46.605

■ 23, 44.783, 46.605

■ 73, 44.783, 46.605

■ 13, 44.783, 46.605

■ 83, 44.783, 46.605

■ 3, 44.783, 46.605

■ 93, 44.783, 46.605

■ 0, 44.783, 46.605

■ 43, 44.783, 46.605

■ 43, 44.783, 46.605

■ 40, 52.631, 46.787

■ 46, 37.043, 46.471

■ 38, 60.040, 46.758

■ 49, 29.661, 46.461

36, 66.508, 46.498

52, 22.731, 46.594

36, 67.053, 46.548

55, 16.280, 46.855

59, 10.298, 47.215

62, 4.753, 47.626

66, 0.393, 229.353

69, 5.179, 228.891

73, 9.648, 229.447

Harmonies

Complementary

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



43, 44.783, 46.605



50, 27.182, 238.316

Rectangle

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



43, 44.783, 46.605



43, 44.783, 96.605



43, 44.783, 226.605



43, 44.783, 276.605

Sweetspot

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



43, 44.781, 46.608



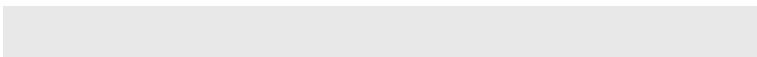
74, 14.053, 47.130



40, 57.661, 338.352



38, 9.684, 47.033



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



43, 44.781, 46.608



51, 68.913, 46.824



57, 47.309, 89.790



32, 2.904, 47.625



32, 61.650, 46.708



2, 3.698, 46.469

Inverse Universe

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



50, 27.182, 238.316



62, 36.962, 243.590



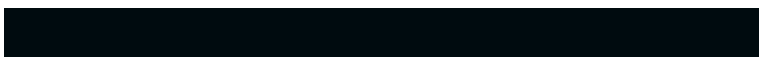
34, 52.527, 291.757



32, 2.760, 228.857



41, 30.331, 249.759



3, 3.665, 232.585

Previews

White Background



This preview shows how the CIELCh color 43, 44.783, 46.605 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 43, 44.783, 46.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

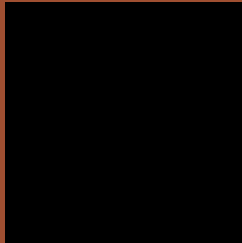
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 44.783, 46.605

Background



This preview shows how black text looks on a background with the CIELCh color 43, 44.783, 46.605.



This preview shows how white text looks on a background with the CIELCh color 43, 44.783, 46.605.

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

43, 44.783, 46.605

Protanopia

43, 26.903, 96.043

Deuteranopia

43, 34.229, 79.951



Tritanopia
43, 38.793, 21.466

Trichromacy



Original Color
43, 44.783, 46.605

Protanomaly
43, 29.819, 71.614

Deuteranomaly
43, 36.660, 64.652

Tritanomaly
43, 39.946, 31.111

Monochromacy



Original Color
43, 44.783, 46.605

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 14.904, 47.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 44.783, 46.605 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(159, 79, 49)` looks like.

```
.text, #text, p{  
    color:rgb(159, 79, 49)  
}
```

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(159, 79, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 79, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 44.783, 46.605 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(159, 79, 49) }
```

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

```
.border{ border-color:rgb(159, 79, 49) }
```

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

Here you see how a box with a 4 pixel rgb(159, 79, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 79, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 79, 49);  
box-shadow:4px 4px 4px 4px rgb(159, 79,  
49) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 44.783, 46.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 79, 49) }
```

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

```
.background{ background-color: rgb(159, 79,  
49) }
```

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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