

Converting Colors

CIELCh(43, 44.166, 44.780)

Have a look what the booklet for
CIELCh(43, 44.166, 44.780) contains.

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Color

CIELCh(43, 44.278, 44.786)

Conversions

Conversions Part 1

Format	Color
Hex	9F4E33
RGB	159, 78, 51
RGB Percent	62%, 31%, 20%
CMY	0.3748, 0.6927, 0.7987
CMYK	0.00, 0.51, 0.68, 0.37
HSL	15°, 51%, 41%
HSV	15°, 68%, 63%
XYZ	17.7388, 13.1578, 4.7756
YIQ	99.1410, 56.9430, 8.7750

Conversions

Conversions Part 2

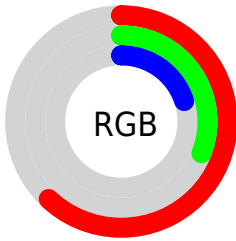
Format	Color
R_{YB}	159, 87, 51
Decimal	10440243
CIE _{Lab}	43.00, 31.43, 31.19
CIE _{LCh}	43, 44.278, 44.786
Yxy	13.1578, 0.4973, 0.3689
Android (android.graphics.Color)	4288630323 (0xFF9F4E33)
YUV	99.1410, -23.7335, 52.4963
Hunter-Lab	36.2736, 23.8127, 17.5857

Details

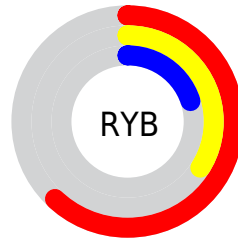
The CIELCh color **43, 44.278, 44.786** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **52, 26.693, 234.116**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 44.366, 45.159**, and **23, 44.068, 44.883** is the 20% darker color. If you saturate the color by 10%, you get **40, 52.256, 45.204**, and if you desaturate by 10%, it is **46, 36.460, 44.466**.

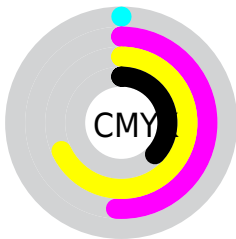
Distribution



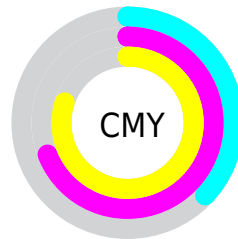
- Red (62%)
- Green (31%)
- Blue (20%)



- Red (62%)
- Yellow (34%)
- Blue (20%)



- Cyan (0%)
- Magenta (51%)
- Yellow (68%)
- Black (37%)



- Cyan (37%)
- Magenta (69%)
- Yellow (80%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 44.278, 44.786 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, 44.278, 44.786 by changing the saturation by 10% instead.

 43, 44.278, 44.786

 43, 44.278, 44.786

 100, 44.278,
44.786

 33, 44.278, 44.786

 63, 44.278, 44.786

 23, 44.278, 44.786

 73, 44.278, 44.786

 13, 44.278, 44.786

 83, 44.278, 44.786

 3, 44.278, 44.786

 93, 44.278, 44.786

 0, 44.278, 44.786

 43, 44.278, 44.786

 43, 44.278, 44.786

 40, 52.256, 45.204

 46, 36.460, 44.466

 38, 59.898, 45.489

 49, 29.025, 44.302

36, 66.484, 45.416

52, 22.060, 44.302

36, 67.994, 45.580

56, 15.586, 44.444

59, 9.590, 44.695

63, 4.041, 44.992

66, 1.101, 225.937

70, 5.878, 226.086

74, 10.331,
226.565

Harmonies

Complementary

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



43, 44.278, 44.786



52, 26.693, 234.116

Rectangle

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



43, 44.278, 44.786



43, 44.278, 94.786



43, 44.278, 224.786



43, 44.278, 274.786

Sweetspot

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



43, 44.276, 44.789



74, 13.441, 44.622



40, 57.628, 337.403



38, 9.341, 44.552



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, 44.276, 44.789



51, 67.816, 45.378



56, 46.090, 88.732



32, 2.926, 44.953



32, 62.301, 45.679



2, 3.725, 43.868

Inverse Universe

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



52, 26.693, 234.116



63, 35.967, 238.648



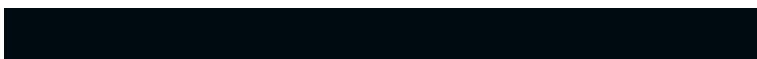
35, 50.297, 290.418



32, 2.775, 225.998



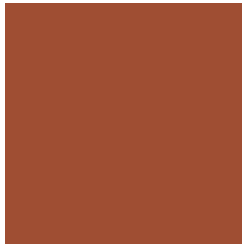
42, 29.550, 245.211



3, 3.675, 229.724

Previews

White Background



This preview shows how the CIELCh color 43, 44.278, 44.786 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, 44.278, 44.786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

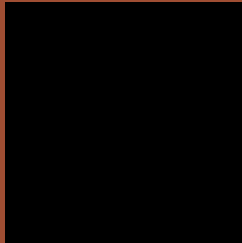
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 44.278, 44.786

Background



This preview shows how black text looks on a background with the CIELCh color 43, 44.278, 44.786.



This preview shows how white text looks on a background with the CIELCh color 43, 44.278, 44.786.

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, 44.278, 44.786

Protanopia

43, 25.795, 95.812

Deuteranopia

43, 32.998, 80.124



Tritanopia
43, 38.793, 21.466

Trichromacy



Original Color
43, 44.278, 44.786

Protanomaly
42, 28.733, 69.253

Deuteranomaly
43, 34.955, 63.759

Tritanomaly
43, 39.722, 30.331

Monochromacy



Original Color
43, 44.278, 44.786

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 15.018, 44.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 44.278, 44.786 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, 78, 51)` looks like.

```
.text, #text, p{  
    color:rgb(159, 78, 51)  
}
```

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, 78, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 78, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 44.278, 44.786 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, 78, 51) }
```

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

```
.border{ border-color:rgb(159, 78, 51) }
```

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

Here you see how a box with a 4 pixel rgb(159, 78, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 78, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 78, 51);  
box-shadow:4px 4px 4px 4px rgb(159, 78,  
51) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 44.278, 44.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 78, 51) }
```

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

```
.background{ background-color: rgb(159, 78,  
51) }
```

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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