

Converting Colors

CIELCh(46, 30.460, 17.617)

Have a look what the booklet for
CIELCh(46, 30.460, 17.617) contains.

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Color

CIELCh(46, 30.394, 17.303)

Conversions

Conversions Part 1

Format	Color
Hex	9E595F
RGB	158, 89, 95
RGB Percent	62%, 35%, 37%
CMY	0.3800, 0.6506, 0.6271
CMYK	0.00, 0.44, 0.40, 0.38
HSL	355°, 28%, 48%
HSV	355°, 44%, 62%
XYZ	19.7718, 15.2687, 12.7538
YIQ	110.3150, 39.1980, 16.4940

Conversions

Conversions Part 2

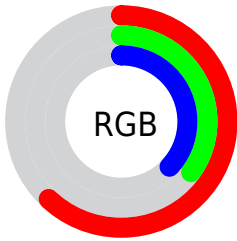
Format	Color
R _Y B	158, 89, 95
Decimal	10377567
CIE Lab	46.00, 29.02, 9.04
CIE LCh	46, 30.394, 17.303
Yxy	15.2687, 0.4137, 0.3195
Android (android.graphics.Color)	4288567647 (0xFF9E595F)
YUV	110.3150, -7.5503, 41.8197
Hunter-Lab	39.0751, 21.9387, 8.0008

Details

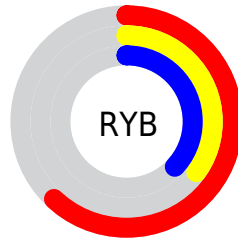
The CIELCh color **46, 30.394, 17.303** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **61, 23.593, 189.013**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 30.608, 17.514**, and **26, 30.460, 17.467** is the 20% darker color. If you saturate the color by 10%, you get **42, 38.125, 19.375**, and if you desaturate by 10%, it is **50, 22.824, 15.673**.

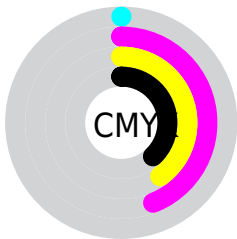
Distribution



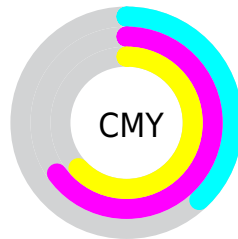
- Red (62%)
- Green (35%)
- Blue (37%)



- Red (62%)
- Yellow (35%)
- Blue (37%)



- Cyan (0%)
- Magenta (44%)
- Yellow (40%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 46, 30.394, 17.303 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, 30.394, 17.303 by changing the saturation by 10% instead.

■ 46, 30.394, 17.303

■ 46, 30.394, 17.303

■ 100, 30.394,
17.303

■ 36, 30.394, 17.303

■ 66, 30.394, 17.303

■ 26, 30.394, 17.303

■ 76, 30.394, 17.303

■ 16, 30.394, 17.303

■ 86, 30.394, 17.303

■ 6, 30.394, 17.303

■ 96, 30.394, 17.303

■ 0, 30.394, 17.303

■ 46, 30.394, 17.303

■ 46, 30.394, 17.303

■ 42, 38.125, 19.375

■ 50, 22.824, 15.673

■ 39, 45.813, 22.003

■ 54, 15.566, 14.369

36, 53.203, 25.292

59, 8.698, 13.302

34, 60.048, 29.245

63, 2.249, 12.297

33, 66.069, 33.587

68, 3.785, 191.906

33, 69.478, 35.967

73, 9.427, 191.234

78, 14.709,
190.703

82, 19.666,
190.250

87, 24.335,
189.855

Harmonies

Complementary

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



46, 30.394, 17.303



61, 23.593, 189.013

Rectangle

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



46, 30.394, 17.303



46, 30.394, 67.303



46, 30.394, 197.303



46, 30.394, 247.303

Sweetspot

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



46, 30.392, 17.306



76, 10.289, 13.263



47, 45.693, 323.723



39, 7.307, 13.472



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



46, 30.392, 17.306



55, 45.893, 19.229



53, 24.994, 59.690



31, 3.552, 12.879



29, 64.172, 35.544



1, 4.512, 12.584

Inverse Universe

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



46, 30.392, 17.306



55, 45.893, 19.229



53, 20.391, 250.686



31, 3.552, 12.879



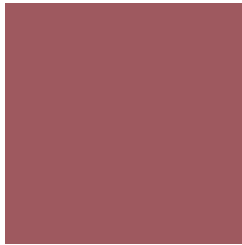
29, 64.172, 35.544



1, 4.512, 12.584

Previews

White Background



This preview shows how the CIELCh color 46, 30.394, 17.303 looks on a white background.

Color Contrast Check

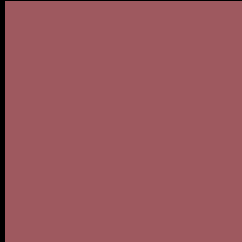
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.394, 17.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

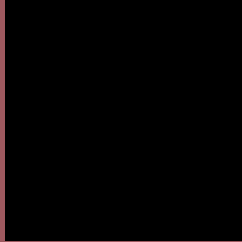
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 30.394, 17.303

Background



This preview shows how black text looks on a background with the CIELCh color 46, 30.394, 17.303.



This preview shows how white text looks on a background with the CIELCh color 46, 30.394, 17.303.

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, 30.394, 17.303

Protanopia

46, 2.155, 74.695

Deuteranopia

46, 12.123, 59.279



Tritanopia
46, 30.346, 16.206

Trichromacy



Original Color
46, 30.394, 17.303

Protanomaly
46, 11.572, 20.843

Deuteranomaly
46, 17.757, 32.901

Tritanomaly
46, 30.346, 16.206

Monochromacy



Original Color
46, 30.394, 17.303

Achromatopsia
46, 0.006, 296.813

Achromatomaly
46, 10.723, 11.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 30.394, 17.303 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(158, 89, 95)` looks like.

```
.text, #text, p{  
    color:rgb(158, 89, 95)  
}
```

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(158, 89, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 89, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 30.394, 17.303 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(158, 89, 95) }
```

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

```
.border{ border-color:rgb(158, 89, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 89, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 89, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 89, 95);  
box-shadow:4px 4px 4px 4px rgb(158, 89,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 30.394, 17.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 89, 95) }
```

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

```
.background{ background-color: rgb(158, 89,  
95) }
```

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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