

Converting Colors

CIELCh(43, 16.174, 330.380)

Have a look what the booklet for
CIELCh(43, 16.174, 330.380)
contains.

CIELCh(43, 16.174, 330.380)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 16.174, 330.380)

Conversions

Conversions Part 1

Format	Color
Hex	775E73
RGB	119, 94, 115
RGB Percent	47%, 37%, 45%
CMY	0.5334, 0.6315, 0.5491
CMYK	0.00, 0.21, 0.03, 0.53
HSL	310°, 12%, 42%
HSV	310°, 21%, 47%
XYZ	14.6972, 13.1578, 17.9765
YIQ	103.8690, 8.1590, 11.8310

Conversions

Conversions Part 2

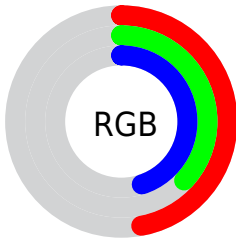
Format	Color
R_{YB}	119, 94, 115
Decimal	7822963
CIE Lab	43.00, 14.06, -7.99
CIE LCh	43, 16.174, 330.380
Yxy	13.1578, 0.3207, 0.2871
Android (android.graphics.Color)	4286013043 (0xFF775E73)
YUV	103.8690, 5.4876, 13.2699
Hunter-Lab	36.2736, 8.8449, -3.9914

Details

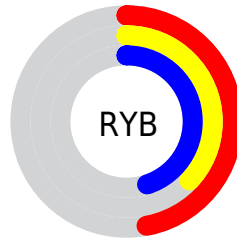
The CIELCh color $43, 16.174, 330.380$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 16.126, 147.804$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 15.787, 329.854$, and $23, 15.860, 330.077$ is the 20% darker color. If you saturate the color by 10%, you get $40, 23.860, 330.989$, and if you desaturate by 10%, it is $46, 8.440, 329.778$.

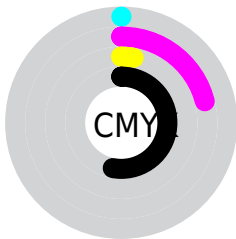
Distribution



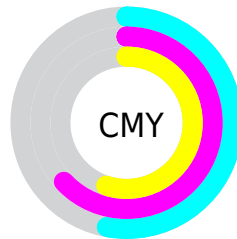
- Red (47%)
- Green (37%)
- Blue (45%)



- Red (47%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (21%)
- Yellow (3%)
- Black (53%)





- Cyan (53%)
- Magenta (63%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 16.174, 330.380 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, 16.174, 330.380 by changing the saturation by 10% instead.


 43, 16.174,
330.380


 43, 16.174,
330.380


 100, 16.174,
330.380


 33, 16.174,
330.380

 63, 16.174,
330.380


 23, 16.174,
330.380

 73, 16.174,
330.380

 13, 16.174,
330.380


 83, 16.174,
330.380

 3, 16.174, 330.380

 93, 16.174,
330.380

 0, 16.174, 330.380

 43, 16.174,

 43, 16.174,

330.380

330.380

40, 23.860,
330.989

46, 8.440, 329.778

37, 31.341,
331.605

50, 0.774, 328.966

53, 6.756, 148.706

34, 38.398,
332.227

57, 14.105,
148.159

32, 44.759,
332.855

60, 21.254,
147.647

30, 50.114,
333.492

64, 28.192,
147.162

28, 54.174,
334.150

67, 34.921,
146.704

27, 56.737,
334.844

71, 41.448,
146.270

26, 58.319,
335.484

74, 47.781,

Harmonies

Complementary

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



43, 16.174, 330.380



48, 16.126, 147.804

Rectangle

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



43, 16.174, 330.380



43, 16.174, 20.380



43, 16.174, 150.380



43, 16.174, 200.380

Sweetspot

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



43, 16.172, 330.380



62, 5.711, 329.478



41, 15.294, 297.762



32, 3.819, 329.510



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



43, 16.172, 330.380



54, 23.977, 330.661



43, 11.750, 354.573



23, 4.259, 329.658



27, 59.497, 335.509



57, 100.213, 335.987

Inverse Universe

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



43, 16.172, 330.380



54, 23.977, 330.661



48, 11.199, 170.712



23, 4.259, 329.658



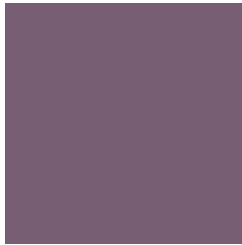
27, 59.497, 335.509



57, 100.213, 335.987

Previews

White Background



This preview shows how the CIELCh color 43, 16.174, 330.380 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, 16.174, 330.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

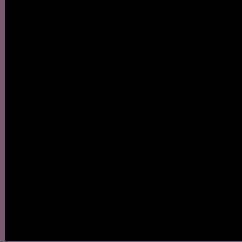
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 16.174, 330.380

Background



This preview shows how black text looks on a background with the CIELCh color 43, 16.174, 330.380.



This preview shows how white text looks on a background with the CIELCh color 43, 16.174, 330.380.

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, 16.174, 330.380

Protanopia

43, 10.868, 285.681

Deuteranopia

43, 9.497, 308.476



Tritanopia
43, 9.772, 355.353

Trichromacy



Original Color
43, 16.174, 330.380

Protanomaly
43, 12.511, 306.346

Deuteranomaly
43, 11.728, 320.137

Tritanomaly
43, 11.955, 344.065

Monochromacy



Original Color
43, 16.174, 330.380

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 6.085, 328.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 16.174, 330.380 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(119, 94, 115)` looks like.

```
.text, #text, p{  
    color:rgb(119, 94, 115)  
}
```

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(119, 94, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 94, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 16.174, 330.380 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(119, 94, 115) }
```

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

```
.border{ border-color:rgb(119, 94, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 94, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 94, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 94, 115);  
box-shadow:4px 4px 4px 4px rgb(119, 94,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 16.174, 330.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 94, 115) }
```

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

```
.background{ background-color: rgb(119, 94,  
115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor