

Converting Colors

CIELCh(43, 12.387, 356.614)

Have a look what the booklet for
CIELCh(43, 12.387, 356.614)
contains.

CIELCh(43, 12.576, 355.844)	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, 12.576, 355.844)

Conversions

Conversions Part 1

Format	Color
Hex	795E67
RGB	121, 94, 103
RGB Percent	47%, 37%, 40%
CMY	0.5239, 0.6298, 0.5945
CMYK	0.00, 0.22, 0.15, 0.52
HSL	340°, 13%, 42%
HSV	340°, 22%, 48%
XYZ	14.4493, 13.1578, 14.7151
YIQ	103.0990, 13.2030, 8.5230

Conversions

Conversions Part 2

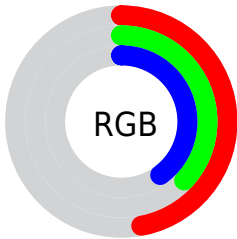
Format	Color
R _Y B	121, 94, 103
Decimal	7954023
CIE Lab	43.00, 12.54, -0.91
CIE LCh	43, 12.576, 355.844
Yxy	13.1578, 0.3414, 0.3109
Android (android.graphics.Color)	4286144103 (0xFF795E67)
YUV	103.0990, -0.0488, 15.6992
Hunter-Lab	36.2736, 7.6250, 1.3394

Details

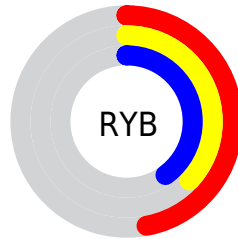
The CIELCh color $43, 12.576, 355.844$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 11.907, 171.689$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 12.401, 356.850$, and $23, 12.375, 356.917$ is the 20% darker color. If you saturate the color by 10%, you get $40, 18.461, 357.075$, and if you desaturate by 10%, it is $47, 6.811, 354.773$.

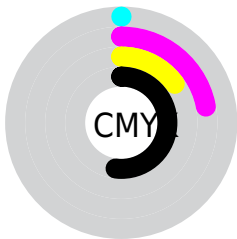
Distribution



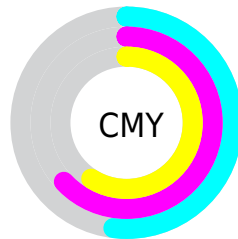
- Red (47%)
- Green (37%)
- Blue (40%)



- Red (47%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (22%)
- Yellow (15%)
- Black (52%)




- Cyan (52%)
- Magenta (63%)
- Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 12.576, 355.844 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, 12.576, 355.844 by changing the saturation by 10% instead.


 43, 12.576,
355.844


 43, 12.576,
355.844


 100, 12.576,
355.844

 33, 12.576,
355.844

 63, 12.576,
355.844

 23, 12.576,
355.844

 73, 12.576,
355.844

 13, 12.576,
355.844


 83, 12.576,
355.844

 3, 12.576, 355.844

 93, 12.576,
355.844

 0, 12.576, 355.844

 43, 12.576,

 43, 12.576,

355.844

355.844

40, 18.461,
357.075

47, 6.811, 354.773

36, 24.365,
358.516

50, 1.232, 353.634

54, 4.135, 173.154

33, 30.129, 0.248

58, 9.278, 172.373

31, 35.536, 2.370

61, 14.202,
171.692

28, 40.334, 5.016

65, 18.918,
171.077

27, 44.292, 8.338

25, 47.303, 12.476

69, 23.439,
170.514

24, 49.502, 15.822

73, 27.782,
169.996

76, 31.961,
169.517

Harmonies

Complementary

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



43, 12.576, 355.844



49, 11.907, 171.689

Rectangle

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



43, 12.576, 355.844



43, 12.576, 45.844



43, 12.576, 175.844



43, 12.576, 225.844

Sweetspot

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



43, 12.574, 355.848



62, 4.786, 354.255



43, 17.820, 315.568



32, 3.095, 354.297



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, 12.574, 355.848



53, 19.080, 356.489



44, 10.203, 35.722



24, 3.134, 354.450



25, 50.563, 16.001



53, 86.225, 19.252

Inverse Universe

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



43, 12.574, 355.848



53, 19.080, 356.489



48, 8.835, 216.161



24, 3.134, 354.450



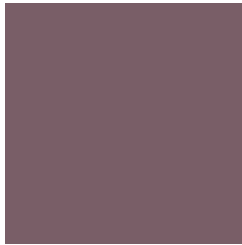
25, 50.563, 16.001



53, 86.225, 19.252

Previews

White Background



This preview shows how the CIE LCh color 43, 12.576, 355.844 looks on a white background.

Color Contrast Check

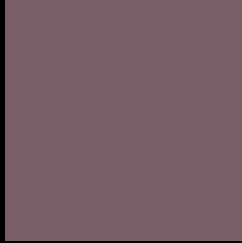
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 43, 12.576, 355.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

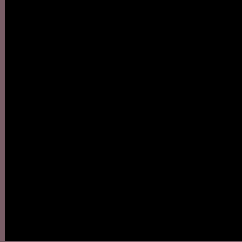
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 12.576, 355.844

Background



This preview shows how black text looks on a background with the CIELCh color 43, 12.576, 355.844.



This preview shows how white text looks on a background with the CIELCh color 43, 12.576, 355.844.

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, 12.576, 355.844

Protanopia

43, 3.643, 297.094

Deuteranopia

43, 5.568, 354.606



Tritanopia
43, 11.761, 0.228

Trichromacy



Original Color
43, 12.576, 355.844

Protanomaly
43, 5.916, 334.839

Deuteranomaly
43, 8.370, 355.107

Tritanomaly
43, 11.952, 357.510

Monochromacy



Original Color
43, 12.576, 355.844

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 4.163, 354.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 12.576, 355.844 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(121, 94, 103)` looks like.

```
.text, #text, p{  
    color:rgb(121, 94, 103)  
}
```

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(121, 94, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 94, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 12.576, 355.844 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(121, 94, 103) }
```

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

```
.border{ border-color:rgb(121, 94, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 94, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 94, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 94, 103);  
box-shadow:4px 4px 4px 4px rgb(121, 94,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 12.576, 355.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 94, 103) }
```

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

```
.background{ background-color: rgb(121, 94,  
103) }
```

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