

Converting Colors

CIELCh(43, 13.267, 340.938)

Have a look what the booklet for
CIELCh(43, 13.267, 340.938)
contains.

CIELCh(43, 12.983, 340.942)	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, 12.983, 340.942)

Conversions

Conversions Part 1

Format	Color
Hex	775F6D
RGB	119, 95, 109
RGB Percent	47%, 37%, 43%
CMY	0.5341, 0.6282, 0.5733
CMYK	0.00, 0.20, 0.08, 0.53
HSL	325°, 11%, 42%
HSV	325°, 20%, 47%
XYZ	14.4052, 13.1578, 16.1934
YIQ	103.7720, 9.8100, 9.4420

Conversions

Conversions Part 2

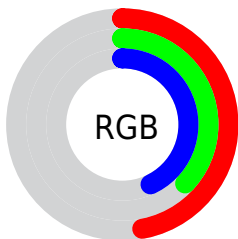
Format	Color
R_{YB}	119, 95, 109
Decimal	7823213
CIE _{Lab}	43.00, 12.27, -4.24
CIE _{LCh}	43, 12.983, 340.942
Yxy	13.1578, 0.3292, 0.3007
Android (android.graphics.Color)	4286013293 (0xFF775F6D)
YUV	103.7720, 2.5774, 13.3550
Hunter-Lab	36.2736, 7.4082, -1.0769

Details

The CIELCh color $43, 12.983, 340.942$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 12.778, 157.852$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 12.415, 341.686$, and $23, 12.797, 339.857$ is the 20% darker color. If you saturate the color by 10%, you get $40, 19.486, 341.821$, and if you desaturate by 10%, it is $46, 6.501, 340.129$.

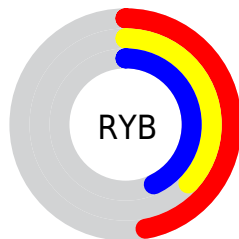
Distribution



Red (47%)

Green (37%)

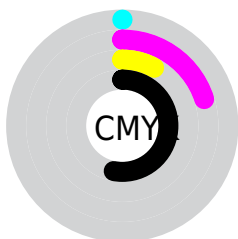
Blue (43%)



Red (47%)

Yellow (37%)

Blue (43%)

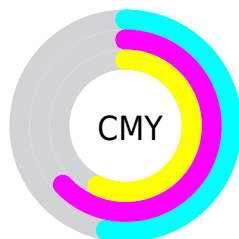


Cyan (0%)

Magenta (20%)

Yellow (8%)

Black (53%)



Cyan (53%)


Magenta (63%)


Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 12.983, 340.942 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, 12.983, 340.942 by changing the saturation by 10% instead.


 43, 12.983,
340.942


 43, 12.983,
340.942


 100, 12.983,
340.942


 33, 12.983,
340.942

 63, 12.983,
340.942


 23, 12.983,
340.942

 73, 12.983,
340.942

 13, 12.983,
340.942


 83, 12.983,
340.942

 3, 12.983, 340.942

 93, 12.983,
340.942

 0, 12.983, 340.942

 43, 12.983,

 43, 12.983,

340.942

40, 19.486,
341.821

37, 25.885,
342.789

34, 31.995,
343.877

31, 37.568,
345.128

29, 42.311,
346.601

27, 45.928,
348.378

26, 48.203,
350.567

25, 49.668,
352.980

340.942

46, 6.501, 340.129

50, 0.127, 337.402

53, 6.093, 158.799

57, 12.132,
158.146

61, 17.981,
157.549

64, 23.642,
156.995

68, 29.119,
156.476

71, 34.423,
155.991

75, 39.565,

Harmonies

Complementary

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



43, 12.983, 340.942



48, 12.778, 157.852

Rectangle

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



43, 12.983, 340.942



43, 12.983, 30.942



43, 12.983, 160.942



43, 12.983, 210.942

Sweetspot

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



43, 12.981, 340.944



62, 4.753, 339.799



42, 15.100, 307.106



32, 3.179, 339.841



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, 12.981, 340.944



54, 19.283, 341.322



43, 10.385, 14.198



23, 3.548, 340.035



26, 50.714, 353.087



54, 85.200, 355.038

Inverse Universe

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



43, 12.981, 340.944



54, 19.283, 341.322



48, 9.341, 191.122



23, 3.548, 340.035



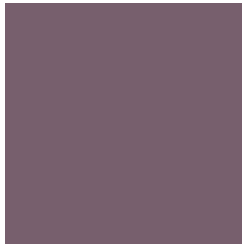
26, 50.714, 353.087



54, 85.200, 355.038

Previews

White Background



This preview shows how the CIELCh color 43, 12.983, 340.942 looks on a white background.

Color Contrast Check

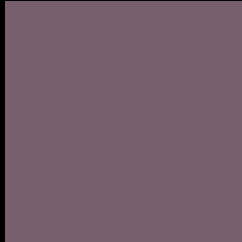
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.983, 340.942 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, 12.983, 340.942

Background



This preview shows how black text looks on a background with the CIELCh color 43, 12.983, 340.942.

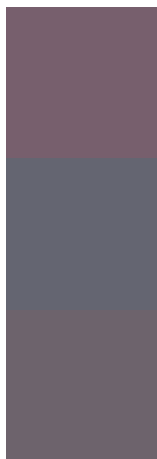


This preview shows how white text looks on a background with the CIELCh color 43, 12.983, 340.942.

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, 12.983, 340.942

Protanopia

43, 7.227, 288.105

Deuteranopia

43, 6.817, 327.745



Tritanopia
43, 10.159, 356.462

Trichromacy



Original Color
43, 12.983, 340.942

Protanomaly
43, 7.952, 315.081

Deuteranomaly
43, 9.355, 335.710

Tritanomaly
43, 10.659, 350.516

Monochromacy



Original Color
43, 12.983, 340.942

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 4.479, 337.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 12.983, 340.942 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, 95, 109)` looks like.

```
.text, #text, p{  
    color:rgb(119, 95, 109)  
}
```

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, 95, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 95, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 12.983, 340.942 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, 95, 109) }
```

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

```
.border{ border-color:rgb(119, 95, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 95, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 95, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 95, 109);  
box-shadow:4px 4px 4px 4px rgb(119, 95,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 12.983, 340.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 95, 109) }
```

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

```
.background{ background-color: rgb(119, 95,  
109) }
```

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