

Converting Colors

CIELCh(43, 13.348, 348.740)

Have a look what the booklet for
CIELCh(43, 13.348, 348.740)
contains.

CIELCh(43, 13.348, 348.740)	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, 13.348, 348.740)

Conversions

Conversions Part 1

Format	Color
Hex	795E6A
RGB	121, 94, 106
RGB Percent	47%, 37%, 42%
CMY	0.5248, 0.6307, 0.5836
CMYK	0.00, 0.22, 0.12, 0.52
HSL	333°, 13%, 42%
HSV	333°, 22%, 48%
XYZ	14.5385, 13.1578, 15.4562
YIQ	103.4410, 12.2400, 9.4560

Conversions

Conversions Part 2

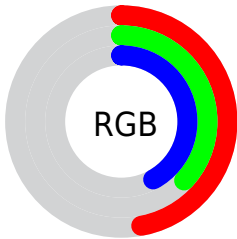
Format	Color
R_{YB}	121, 94, 106
Decimal	7954026
CIE Lab	43.00, 13.09, -2.61
CIE LCh	43, 13.348, 348.740
Yxy	13.1578, 0.3369, 0.3049
Android (android.graphics.Color)	4286144106 (0xFF795E6A)
YUV	103.4410, 1.2616, 15.3992
Hunter-Lab	36.2736, 8.0641, 0.1280

Details

The CIELCh color $43, 13.348, 348.740$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 12.894, 164.825$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 13.103, 350.085$, and $23, 13.175, 348.854$ is the 20% darker color. If you saturate the color by 10%, you get $40, 19.478, 349.835$, and if you desaturate by 10%, it is $46, 7.274, 347.766$.

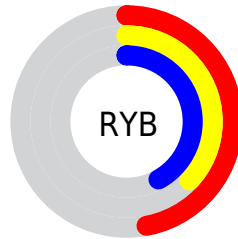
Distribution



Red (47%)

Green (37%)

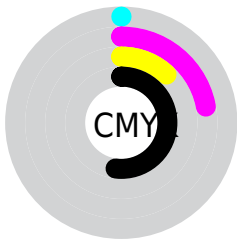
Blue (42%)



Red (47%)

Yellow (37%)

Blue (42%)

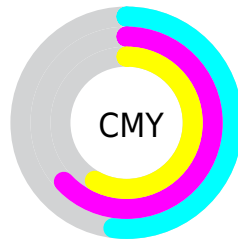


Cyan (0%)

Magenta (22%)

Yellow (12%)

Black (52%)



Cyan (52%)


Magenta (63%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 13.348, 348.740 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, 13.348, 348.740 by changing the saturation by 10% instead.


 43, 13.348,
348.740


 43, 13.348,
348.740


 100, 13.348,
348.740


 33, 13.348,
348.740

 63, 13.348,
348.740


 23, 13.348,
348.740

 73, 13.348,
348.740

 13, 13.348,
348.740


 83, 13.348,
348.740

 3, 13.348, 348.740

 93, 13.348,
348.740

 0, 13.348, 348.740

 43, 13.348,

 43, 13.348,

348.740

348.740

40, 19.478,
349.835

46, 7.274, 347.766

36, 25.546,
351.089

50, 1.337, 346.728

54, 4.421, 166.239

33, 31.367,
352.561

57, 9.982, 165.494

31, 36.702,
354.329

61, 15.340,
164.834

29, 41.269,
356.502

65, 20.501,
164.229

27, 44.801,
359.215

68, 25.474,
163.671

26, 47.150, 2.622

72, 30.272,
163.153

25, 48.699, 5.434

76, 34.908,
162.670

Harmonies

Complementary

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



43, 13.348, 348.740



49, 12.894, 164.825

Rectangle

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



43, 13.348, 348.740



43, 13.348, 38.740



43, 13.348, 168.740



43, 13.348, 218.740

Sweetspot

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



43, 13.346, 348.743



62, 5.118, 347.287



42, 17.388, 311.747



32, 3.309, 347.325



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, 13.346, 348.743



53, 20.195, 349.313



43, 11.215, 24.939



24, 3.348, 347.466



26, 49.780, 5.597



54, 83.829, 8.399

Inverse Universe

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



43, 13.346, 348.743



53, 20.195, 349.313



48, 9.712, 203.115



24, 3.348, 347.466



26, 49.780, 5.597



54, 83.829, 8.399

Previews

White Background



This preview shows how the CIE LCh color 43, 13.348, 348.740 looks on a white background.

Color Contrast Check

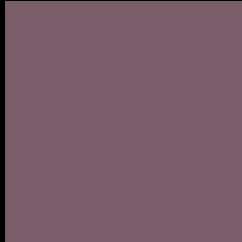
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.348, 348.740 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, 13.348, 348.740

Background



This preview shows how black text looks on a background with the CIELCh color 43, 13.348, 348.740.



This preview shows how white text looks on a background with the CIELCh color 43, 13.348, 348.740.

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, 13.348, 348.740

Protanopia

43, 5.419, 290.970

Deuteranopia

43, 5.830, 341.994



Tritanopia
43, 11.761, 0.228

Trichromacy



Original Color
43, 13.348, 348.740

Protanomaly
43, 7.081, 322.113

Deuteranomaly
43, 8.564, 346.480

Tritanomaly
43, 12.171, 354.887

Monochromacy



Original Color
43, 13.348, 348.740

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 5.134, 344.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 13.348, 348.740 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, 106)` looks like.

```
.text, #text, p{  
    color:rgb(121, 94, 106)  
}
```

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, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 94, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 13.348, 348.740 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, 106) }
```

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

```
.border{ border-color:rgb(121, 94, 106) }
```

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, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 94, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 94, 106);  
box-shadow:4px 4px 4px 4px rgb(121, 94,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 13.348, 348.740 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, 106) }
```

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

```
.background{ background-color: rgb(121, 94,  
106) }
```

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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