

Converting Colors

CIELCh(43, 13.189, 338.523)

Have a look what the booklet for
CIELCh(43, 13.189, 338.523)
contains.

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Color

CIELCh(43, 13.059, 337.640)

Conversions

Conversions Part 1

Format	Color
Hex	765F6E
RGB	118, 95, 110
RGB Percent	46%, 37%, 43%
CMY	0.5373, 0.6275, 0.5687
CMYK	0.00, 0.19, 0.07, 0.54
HSL	321°, 11%, 42%
HSV	321°, 19%, 46%
XYZ	14.3737, 13.1578, 16.5298
YIQ	103.5870, 8.8930, 9.5410

Conversions

Conversions Part 2

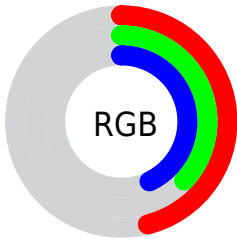
Format	Color
R_{YB}	118, 95, 110
Decimal	7757678
CIE _{Lab}	43.00, 12.08, -4.97
CIE _{LCh}	43, 13.059, 337.640
Yxy	13.1578, 0.3262, 0.2986
Android (android.graphics.Color)	4285947758 (0xFF765F6E)
YUV	103.5870, 3.1616, 12.6402
Hunter-Lab	36.2736, 7.2533, -1.6267

Details

The CIELCh color $43, 13.059, 337.640$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 12.922, 154.862$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 12.844, 336.636$, and $23, 12.473, 338.321$ is the 20% darker color. If you saturate the color by 10%, you get $40, 19.811, 338.428$, and if you desaturate by 10%, it is $46, 6.315, 336.896$.

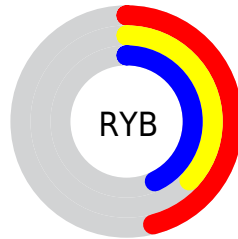
Distribution



Red (46%)

Green (37%)

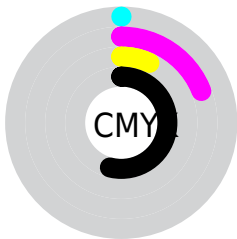
Blue (43%)



Red (46%)

Yellow (37%)

Blue (43%)

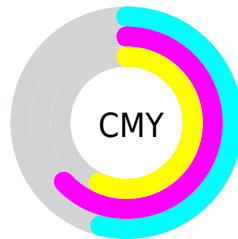


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (54%)



Cyan (54%)


Magenta (63%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 13.059, 337.640 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, 13.059, 337.640 by changing the saturation by 10% instead.


 43, 13.059,
337.640


 43, 13.059,
337.640


 100, 13.059,
337.640


 33, 13.059,
337.640

 63, 13.059,
337.640


 23, 13.059,
337.640

 73, 13.059,
337.640

 13, 13.059,
337.640


 83, 13.059,
337.640

 3, 13.059, 337.640

 93, 13.059,
337.640

 0, 13.059, 337.640

 43, 13.059,

 43, 13.059,

337.640

337.640

40, 19.811,
338.428

46, 6.315, 336.896

37, 26.445,
339.278

50, 0.329, 156.985

53, 6.825, 155.656

34, 32.770,
340.211

57, 13.143,
155.042

31, 38.540,
341.252

60, 19.273,
154.475

29, 43.458,
342.443

64, 25.212,
153.945

27, 47.223,
343.840

68, 30.966,
153.447

26, 49.605,
345.520

71, 36.545,
152.978

25, 51.063,
347.412

75, 41.958,

■ 25, 51.141,
347.506

152.538

Harmonies

Complementary

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



43, 13.059, 337.640



47, 12.922, 154.862

Rectangle

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



43, 13.059, 337.640



43, 13.059, 27.640



43, 13.059, 157.640



43, 13.059, 207.640

Sweetspot

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



43, 13.057, 337.641



61, 4.926, 336.643



42, 14.305, 304.151



31, 3.249, 336.680



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 13.057, 337.641



54, 19.095, 337.956



43, 10.073, 7.628



23, 3.725, 336.862



26, 52.466, 347.607



55, 88.028, 349.086

Inverse Universe

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



43, 13.057, 337.641



54, 19.095, 337.956



48, 9.278, 184.239



23, 3.725, 336.862



26, 52.466, 347.607



55, 88.028, 349.086

Previews

White Background



This preview shows how the CIELCh color 43, 13.059, 337.640 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, 13.059, 337.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

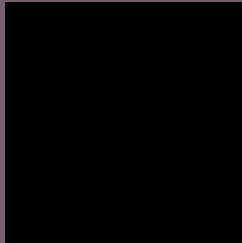
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 13.059, 337.640

Background



This preview shows how black text looks on a background with the CIELCh color 43, 13.059, 337.640.



This preview shows how white text looks on a background with the CIELCh color 43, 13.059, 337.640.

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, 13.059, 337.640

Protanopia

43, 7.828, 288.441

Deuteranopia

43, 7.081, 322.113



Tritanopia
43, 10.020, 352.219

Trichromacy



Original Color
43, 13.059, 337.640

Protanomaly
43, 9.060, 312.016

Deuteranomaly
43, 8.782, 331.757

Tritanomaly
43, 10.602, 346.447

Monochromacy



Original Color
43, 13.059, 337.640

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, 13.059, 337.640 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(118, 95, 110)` looks like.

```
.text, #text, p{  
    color:rgb(118, 95, 110)  
}
```

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(118, 95, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 95, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 13.059, 337.640 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(118, 95, 110) }
```

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

```
.border{ border-color:rgb(118, 95, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 95, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 95, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 95, 110);  
box-shadow:4px 4px 4px 4px rgb(118, 95,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 13.059, 337.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 95, 110) }
```

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

```
.background{ background-color: rgb(118, 95,  
110) }
```

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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