

Converting Colors

CIELCh(43, 16.215, 327.388)

Have a look what the booklet for
CIELCh(43, 16.215, 327.388)
contains.

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Color

CIELCh(43, 16.396, 327.874)

Conversions

Conversions Part 1

Format	Color
Hex	765E74
RGB	118, 94, 116
RGB Percent	46%, 37%, 45%
CMY	0.5367, 0.6308, 0.5445
CMYK	0.00, 0.20, 0.02, 0.54
HSL	305°, 11%, 42%
HSV	305°, 20%, 46%
XYZ	14.6685, 13.1578, 18.3353
YIQ	103.6840, 7.2420, 11.9300

Conversions

Conversions Part 2

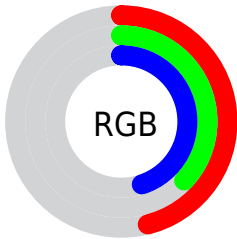
Format	Color
R_{YB}	118, 94, 116
Decimal	7757428
CIE Lab	43.00, 13.89, -8.72
CIE LCh	43, 16.396, 327.874
Yxy	13.1578, 0.3178, 0.2850
Android (android.graphics.Color)	4285947508 (0xFF765E74)
YUV	103.6840, 6.0718, 12.5551
Hunter-Lab	36.2736, 8.7036, -4.5779

Details

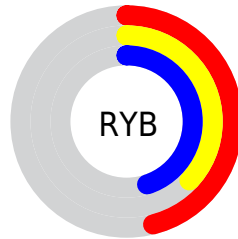
The CIELCh color $43, 16.396, 327.874$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 16.371, 145.510$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 15.993, 327.486$, and $23, 16.128, 327.245$ is the 20% darker color. If you saturate the color by 10%, you get $40, 24.450, 328.430$, and if you desaturate by 10%, it is $46, 8.292, 327.312$.

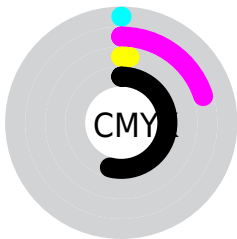
Distribution



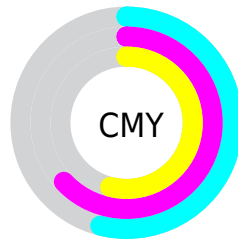
- Red (46%)
- Green (37%)
- Blue (45%)



- Red (46%)
- Yellow (37%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (54%)





- Cyan (54%)
- Magenta (63%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 16.396, 327.874 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, 16.396, 327.874 by changing the saturation by 10% instead.


 43, 16.396,
327.874


 43, 16.396,
327.874


 100, 16.396,
327.874


 33, 16.396,
327.874

 63, 16.396,
327.874


 23, 16.396,
327.874

 73, 16.396,
327.874

 13, 16.396,
327.874


 83, 16.396,
327.874

 3, 16.396, 327.874

 93, 16.396,
327.874

 0, 16.396, 327.874

 43, 16.396,

 43, 16.396,

327.874

327.874

40, 24.450,
328.430

46, 8.292, 327.312

37, 32.296,
328.976

50, 0.258, 326.060

34, 39.713,
329.506

53, 7.634, 146.289

32, 46.427,
330.011

56, 15.338,
145.767

30, 52.137,
330.484

60, 22.831,
145.274

28, 56.556,
330.922

64, 30.102,
144.806

27, 59.490,
331.330

67, 37.152,
144.364

27, 61.461,
331.705

71, 43.986,
143.946

74, 50.613,

Harmonies

Complementary

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



43, 16.396, 327.874



47, 16.371, 145.510

Rectangle

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



43, 16.396, 327.874



43, 16.396, 17.874



43, 16.396, 147.874



43, 16.396, 197.874

Sweetspot

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



43, 16.394, 327.874



61, 5.945, 327.070



41, 14.635, 295.316



31, 3.921, 327.098



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, 16.394, 327.874



54, 23.942, 328.113



43, 11.701, 350.218



23, 4.494, 327.239



28, 63.022, 331.719



58, 106.473, 331.931

Inverse Universe

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



43, 16.394, 327.874



54, 23.942, 328.113



48, 11.295, 166.635



23, 4.494, 327.239



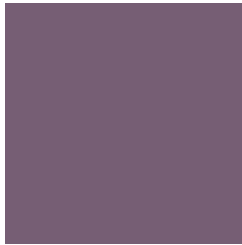
28, 63.022, 331.719



58, 106.473, 331.931

Previews

White Background



This preview shows how the CIELCh color 43, 16.396, 327.874 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, 16.396, 327.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

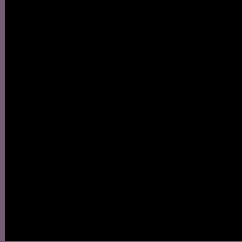
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 16.396, 327.874

Background



This preview shows how black text looks on a background with the CIELCh color 43, 16.396, 327.874.



This preview shows how white text looks on a background with the CIELCh color 43, 16.396, 327.874.

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, 16.396, 327.874

Protanopia

43, 12.062, 286.496

Deuteranopia

43, 9.968, 305.293



Tritanopia
43, 9.651, 350.937

Trichromacy



Original Color
43, 16.396, 327.874

Protanomaly
43, 12.315, 302.795

Deuteranomaly
43, 12.077, 317.054

Tritanomaly
43, 11.988, 340.452

Monochromacy



Original Color
43, 16.396, 327.874

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, 16.396, 327.874 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, 94, 116)` looks like.

```
.text, #text, p{  
    color:rgb(118, 94, 116)  
}
```

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, 94, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 94, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 16.396, 327.874 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, 94, 116) }
```

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

```
.border{ border-color:rgb(118, 94, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 94, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 94, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 94, 116); box-shadow:4px 4px 4px 4px rgb(118, 94, 116) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 16.396, 327.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 94, 116) }
```

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

```
.background{ background-color: rgb(118, 94,  
116) }
```

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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