

Converting Colors

CIELCh(43, 17.965, 325.026)

Have a look what the booklet for
CIELCh(43, 17.965, 325.026)
contains.

CIELCh(43, 17.840, 324.405)	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, 17.840, 324.405)

Conversions

Conversions Part 1

Format	Color
Hex	765E77
RGB	118, 94, 119
RGB Percent	46%, 37%, 47%
CMY	0.5377, 0.6318, 0.5338
CMYK	0.01, 0.21, 0.00, 0.53
HSL	298°, 12%, 42%
HSV	298°, 21%, 47%
XYZ	14.7706, 13.1578, 19.1769
YIQ	104.0260, 6.2790, 12.8630

Conversions

Conversions Part 2

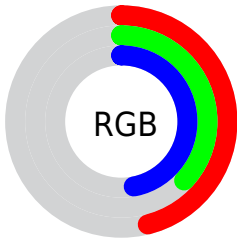
Format	Color
R_{YB}	118, 94, 119
Decimal	7757431
CIE _{Lab}	43.00, 14.51, -10.38
CIE _{LCh}	43, 17.840, 324.405
Yxy	13.1578, 0.3136, 0.2793
Android (android.graphics.Color)	4285947511 (0xFF765E77)
YUV	104.0260, 7.3822, 12.2552
Hunter-Lab	36.2736, 9.2063, -5.9536

Details

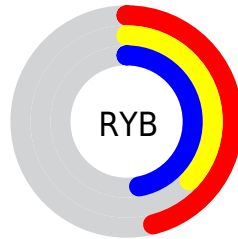
The CIELCh color $43, 17.840, 324.405$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $47, 17.800, 142.160$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 17.347, 324.182$, and $23, 17.731, 323.487$ is the 20% darker color. If you saturate the color by 10%, you get $40, 26.316, 324.894$, and if you desaturate by 10%, it is $46, 9.315, 323.900$.

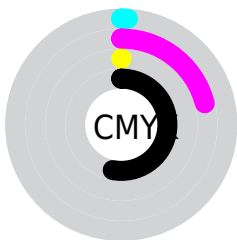
Distribution



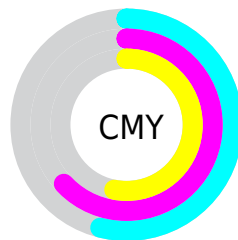
- Red (46%)
- Green (37%)
- Blue (47%)



- Red (46%)
- Yellow (37%)
- Blue (47%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (53%)




- Cyan (54%)
- Magenta (63%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 17.840, 324.405 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, 17.840, 324.405 by changing the saturation by 10% instead.

 43, 17.840,
324.405


 43, 17.840,
324.405


 100, 17.840,
324.405


 33, 17.840,
324.405

 63, 17.840,
324.405


 23, 17.840,
324.405

 73, 17.840,
324.405

 13, 17.840,
324.405


 83, 17.840,
324.405

 3, 17.840, 324.405

 93, 17.840,
324.405

 0, 17.840, 324.405

 43, 17.840,

 43, 17.840,

324.405

40, 26.316,
324.894

37, 34.579,
325.357

34, 42.406,
325.778

32, 49.518,
326.139

30, 55.607,
326.422

28, 60.386,
326.610

27, 63.657,
326.693

26, 65.866,
326.719

324.405

46, 9.315, 323.900

50, 0.863, 323.226

53, 7.441, 142.959

57, 15.549,
142.477

60, 23.436,
142.023

64, 31.091,
141.594

67, 38.512,
141.191

71, 45.703,
140.813

74, 52.674,

Harmonies

Complementary

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



43, 17.840, 324.405



47, 17.800, 142.160

Rectangle

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



43, 17.840, 324.405



43, 17.840, 14.405



43, 17.840, 144.405



43, 17.840, 194.405

Sweetspot

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



43, 17.838, 324.405



62, 6.300, 323.643



41, 14.421, 290.445



32, 4.213, 323.670



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, 17.838, 324.405



54, 26.449, 324.633



43, 13.232, 342.708



23, 4.699, 323.796



27, 67.257, 326.714



57, 114.042, 326.631

Inverse Universe

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



42, 10.838, 17.694



53, 16.316, 18.175



48, 12.975, 159.367



23, 2.752, 16.617



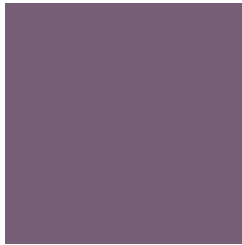
24, 57.931, 36.402



52, 101.445, 38.891

Previews

White Background



This preview shows how the CIELCh color 43, 17.840, 324.405 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, 17.840, 324.405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

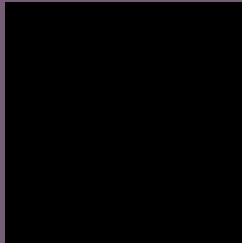
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 17.840, 324.405

Background



This preview shows how black text looks on a background with the CIELCh color 43, 17.840, 324.405.



This preview shows how white text looks on a background with the CIELCh color 43, 17.840, 324.405.

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, 17.840, 324.405

Protanopia

43, 13.880, 285.981

Deuteranopia

43, 11.652, 301.422



Tritanopia
43, 8.997, 352.863

Trichromacy



Original Color
43, 17.840, 324.405

Protanomaly
43, 14.770, 302.695

Deuteranomaly
43, 13.574, 312.256

Tritanomaly
43, 11.660, 339.037

Monochromacy



Original Color
43, 17.840, 324.405

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 6.568, 324.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 17.840, 324.405 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(118, 94, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 94, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 17.840, 324.405 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, 119) }
```

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

```
.border{ border-color:rgb(118, 94, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 94, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 94, 119);  
box-shadow:4px 4px 4px 4px rgb(118, 94,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 17.840, 324.405 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, 119) }
```

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

```
.background{ background-color: rgb(118, 94,  
119) }
```

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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