

Converting Colors

CIELCh(43, 17.807, 325.541)

Have a look what the booklet for
CIELCh(43, 17.807, 325.541)
contains.

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Color

CIELCh(43, 17.351, 325.492)

Conversions

Conversions Part 1

Format	Color
Hex	765E76
RGB	118, 94, 118
RGB Percent	46%, 37%, 46%
CMY	0.5374, 0.6315, 0.5374
CMYK	0.00, 0.20, 0.00, 0.54
HSL	300°, 11%, 42%
HSV	300°, 20%, 46%
XYZ	14.7363, 13.1578, 18.8940
YIQ	103.9120, 6.6000, 12.5520

Conversions

Conversions Part 2

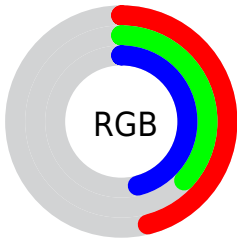
Format	Color
R_{YB}	118, 94, 118
Decimal	7757430
CIE Lab	43.00, 14.30, -9.83
CIE LCh	43, 17.351, 325.492
Yxy	13.1578, 0.3150, 0.2812
Android (android.graphics.Color)	4285947510 (0xFF765E76)
YUV	103.9120, 6.9454, 12.3552
Hunter-Lab	36.2736, 9.0372, -5.4911

Details

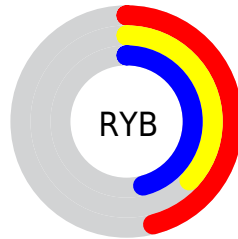
The CIELCh color $[43, 17.351, 325.492]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[47, 17.337, 143.211]$, and the grayscale version is $[44, 0.006, 296.813]$.

A 20% lighter version of the original color is $[63, 16.889, 325.221]$, and $[23, 17.188, 324.653]$ is the 20% darker color. If you saturate the color by 10%, you get $[40, 25.854, 326.006]$, and if you desaturate by 10%, it is $[46, 8.788, 324.961]$.

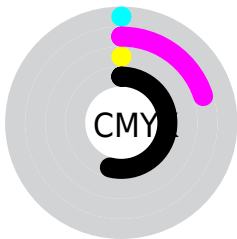
Distribution



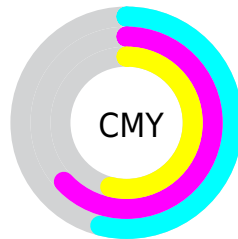
- Red (46%)
- Green (37%)
- Blue (46%)



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



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




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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 17.351, 325.492 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, 17.351, 325.492 by changing the saturation by 10% instead.


 43, 17.351,
325.492


 43, 17.351,
325.492


 100, 17.351,
325.492


 33, 17.351,
325.492

 63, 17.351,
325.492


 23, 17.351,
325.492

 73, 17.351,
325.492

 13, 17.351,
325.492


 83, 17.351,
325.492

 3, 17.351, 325.492

 93, 17.351,
325.492

 0, 17.351, 325.492

 43, 17.351,

 43, 17.351,

325.492

325.492

40, 25.854,
326.006

46, 8.788, 324.961

37, 34.130,
326.497

50, 0.293, 323.862

34, 41.949,
326.949

53, 8.055, 143.971

32, 49.036,
327.349

56, 16.205,
143.463

30, 55.089,
327.683

60, 24.129,
142.983

29, 59.835,
327.940

63, 31.815,
142.527

28, 63.094,
328.113

67, 39.261,
142.097

27, 65.381,
328.233

70, 46.470,
141.693

74, 53.453,

Harmonies

Complementary

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



43, 17.351, 325.492



47, 17.337, 143.211

Rectangle

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



43, 17.351, 325.492



43, 17.351, 15.492



43, 17.351, 145.492



43, 17.351, 195.492

Sweetspot

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



43, 17.349, 325.492



61, 6.295, 324.729



41, 14.605, 292.353



31, 4.151, 324.756



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, 17.349, 325.492



54, 25.334, 325.713



43, 12.309, 345.333



23, 4.757, 324.890



28, 67.129, 328.233



59, 113.810, 328.233

Inverse Universe

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



43, 17.349, 325.492



54, 25.334, 325.713



47, 12.013, 161.969



23, 4.757, 324.890



28, 67.129, 328.233



59, 113.810, 328.233

Previews

White Background



This preview shows how the CIELCh color 43, 17.351, 325.492 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, 17.351, 325.492 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, 17.351, 325.492

Background



This preview shows how black text looks on a background with the CIELCh color 43, 17.351, 325.492.



This preview shows how white text looks on a background with the CIELCh color 43, 17.351, 325.492.

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, 17.351, 325.492

Protanopia

43, 13.285, 285.593

Deuteranopia

43, 11.060, 301.900



Tritanopia
43, 9.651, 350.937

Trichromacy



Original Color
43, 17.351, 325.492

Protanomaly
43, 14.180, 303.098

Deuteranomaly
43, 13.016, 313.172

Tritanomaly
43, 12.369, 338.302

Monochromacy



Original Color
43, 17.351, 325.492

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, 17.351, 325.492 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, 118)` looks like.

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

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, 118) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 43, 17.351, 325.492 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, 118) }
```

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

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

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, 118)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 43, 17.351, 325.492 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, 118) }
```

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

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

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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