

Converting Colors

CIELCh(43, 16.563, 322.639)

Have a look what the booklet for
CIELCh(43, 16.563, 322.639)
contains.

CIELCh(43, 16.212, 322.985)	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, 16.212, 322.985)

Conversions

Conversions Part 1

Format	Color
Hex	745F76
RGB	116, 95, 118
RGB Percent	45%, 37%, 46%
CMY	0.5458, 0.6281, 0.5380
CMYK	0.02, 0.20, 0.00, 0.54
HSL	295°, 11%, 42%
HSV	295°, 20%, 46%
XYZ	14.5147, 13.1578, 18.8586
YIQ	103.9010, 5.1330, 11.6050

Conversions

Conversions Part 2

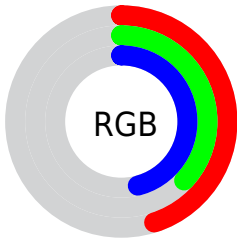
Format	Color
R_{YB}	116, 95, 118
Decimal	7626614
CIE _{Lab}	43.00, 12.94, -9.76
CIE _{LCh}	43, 16.212, 322.985
Yxy	13.1578, 0.3119, 0.2828
Android (android.graphics.Color)	4285816694 (0xFF745F76)
YUV	103.9010, 6.9508, 10.6108
Hunter-Lab	36.2736, 7.9468, -5.4332

Details

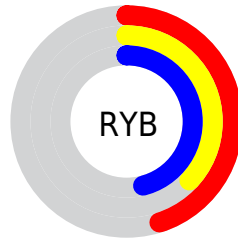
The CIELCh color $43, 16.212, 322.985$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $47, 16.147, 141.039$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 15.810, 322.855$, and $23, 16.195, 323.139$ is the 20% darker color. If you saturate the color by 10%, you get $40, 24.558, 323.452$, and if you desaturate by 10%, it is $46, 7.861, 322.504$.

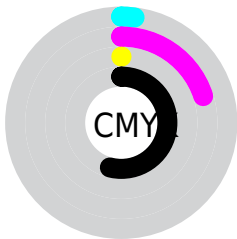
Distribution



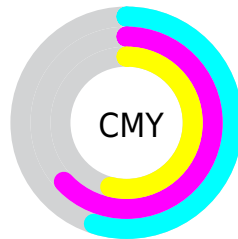
- Red (45%)
- Green (37%)
- Blue (46%)



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



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





- Cyan (55%)
- Magenta (63%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 16.212, 322.985 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, 16.212, 322.985 by changing the saturation by 10% instead.


 43, 16.212,
322.985


 43, 16.212,
322.985


 100, 16.212,
322.985


 33, 16.212,
322.985

 63, 16.212,
322.985


 23, 16.212,
322.985

 73, 16.212,
322.985

 13, 16.212,
322.985

 83, 16.212,
322.985

 3, 16.212, 322.985

 93, 16.212,
322.985

 0, 16.212, 322.985

 43, 16.212,

 43, 16.212,

322.985

40, 24.558,
323.452

37, 32.757,
323.894

34, 40.607,
324.295

31, 47.847,
324.635

29, 54.172,
324.888

27, 59.273,
325.032

26, 62.906,
325.047

25, 65.533,
324.979

322.985

46, 7.861, 322.504

50, 0.392, 142.469

53, 8.484, 141.621

57, 16.379,
141.174

60, 24.057,
140.755

64, 31.512,
140.362

67, 38.743,
139.994

71, 45.756,
139.652

74, 52.561,

■ 25, 65.663,
324.976

139.334

Harmonies

Complementary

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



43, 16.212, 322.985



47, 16.147, 141.039

Rectangle

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



43, 16.212, 322.985



43, 16.212, 12.985



43, 16.212, 142.985



43, 16.212, 192.985

Sweetspot

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



43, 16.210, 322.985



61, 6.126, 322.334



42, 12.544, 288.028



31, 4.041, 322.359



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, 16.210, 322.985



54, 23.693, 323.176



43, 12.597, 340.070



23, 4.632, 322.480



26, 67.483, 324.964



55, 114.457, 324.787

Inverse Universe

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



43, 9.949, 13.836



53, 14.708, 14.275



47, 12.421, 157.145



23, 2.765, 12.823



24, 56.684, 34.458



52, 99.329, 37.250

Previews

White Background



This preview shows how the CIELCh color 43, 16.212, 322.985 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, 16.212, 322.985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

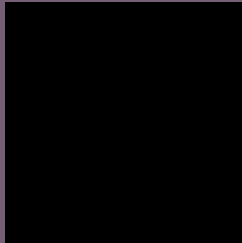
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 16.212, 322.985

Background



This preview shows how black text looks on a background with the CIELCh color 43, 16.212, 322.985.



This preview shows how white text looks on a background with the CIELCh color 43, 16.212, 322.985.

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, 16.212, 322.985

Protanopia

43, 12.689, 285.175

Deuteranopia

43, 11.060, 301.900



Tritanopia
43, 8.564, 346.480

Trichromacy



Original Color
43, 16.212, 322.985

Protanomaly
43, 12.838, 300.623

Deuteranomaly
43, 12.878, 311.507

Tritanomaly
43, 11.484, 333.868

Monochromacy



Original Color
43, 16.212, 322.985

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 5.615, 321.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 16.212, 322.985 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(116, 95, 118)` looks like.

```
.text, #text, p{  
    color:rgb(116, 95, 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(116, 95, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 95, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 16.212, 322.985 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(116, 95, 118) }
```

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

```
.border{ border-color:rgb(116, 95, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 95, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 95, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 95, 118);  
box-shadow:4px 4px 4px 4px rgb(116, 95,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 16.212, 322.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 95, 118) }
```

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

```
.background{ background-color: rgb(116, 95,  
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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