

Converting Colors

CIELCh(43, 18.756, 324.452)

Have a look what the booklet for
CIELCh(43, 18.756, 324.452)
contains.

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Color

CIELCh(43, 19.260, 324.564)

Conversions

Conversions Part 1

Format	Color
Hex	775D78
RGB	119, 93, 120
RGB Percent	47%, 36%, 47%
CMY	0.5326, 0.6346, 0.5287
CMYK	0.01, 0.22, 0.00, 0.53
HSL	298°, 13%, 42%
HSV	298°, 22%, 47%
XYZ	14.9669, 13.1578, 19.5816
YIQ	103.8520, 6.8290, 13.9090

Conversions

Conversions Part 2

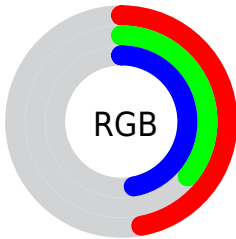
Format	Color
R_{YB}	119, 93, 120
Decimal	7822712
CIE _{Lab}	43.00, 15.69, -11.17
CIE _{LCh}	43, 19.260, 324.564
Yxy	13.1578, 0.3137, 0.2758
Android (android.graphics.Color)	4286012792 (0xFF775D78)
YUV	103.8520, 7.9610, 13.2848
Hunter-Lab	36.2736, 10.1724, -6.6149

Details

The CIELCh color $[43, 19.260, 324.564]$ is a dark color, and the websafe version is hex `#666699`. A complement of this color would be $[48, 19.219, 142.135]$, and the grayscale version is $[44, 0.006, 296.813]$.

A 20% lighter version of the original color is $[63, 19.364, 324.381]$, and $[23, 19.254, 323.794]$ is the 20% darker color. If you saturate the color by 10%, you get $[40, 27.797, 325.052]$, and if you desaturate by 10%, it is $[46, 10.650, 324.059]$.

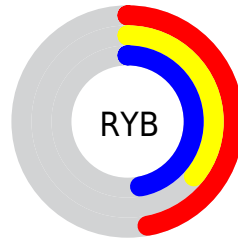
Distribution



Red (47%)

Green (36%)

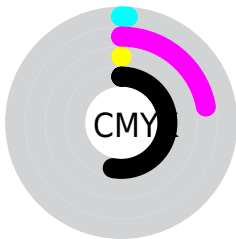
Blue (47%)



Red (47%)

Yellow (36%)

Blue (47%)

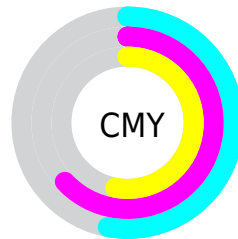


Cyan (1%)

Magenta (22%)

Yellow (0%)

Black (53%)



Cyan (53%)


Magenta (63%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 19.260, 324.564 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, 19.260, 324.564 by changing the saturation by 10% instead.


 43, 19.260,
324.564


 43, 19.260,
324.564


 100, 19.260,
324.564


 33, 19.260,
324.564

 63, 19.260,
324.564


 23, 19.260,
324.564

 73, 19.260,
324.564

 13, 19.260,
324.564


 83, 19.260,
324.564

 3, 19.260, 324.564

 93, 19.260,
324.564

 0, 19.260, 324.564

 43, 19.260,

 43, 19.260,

324.564

40, 27.797,
325.052

37, 36.089,
325.512

34, 43.896,
325.928

32, 50.932,
326.282

30, 56.886,
326.555

29, 61.474,
326.732

28, 64.530,
326.805

27, 66.374,
326.831

324.564

46, 10.650,
324.059

50, 2.097, 323.494

53, 6.315, 143.113


57, 14.535,
142.622

60, 22.534,
142.162

64, 30.299,
141.727

67, 37.826,
141.317

71, 45.120,
140.933

 75, 52.189,
140.575

Harmonies

Complementary

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



43, 19.260, 324.564



48, 19.219, 142.135

Rectangle

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



43, 19.260, 324.564



43, 19.260, 14.564



43, 19.260, 144.564



43, 19.260, 194.564

Sweetspot

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



43, 19.258, 324.564



61, 7.362, 323.782



41, 15.594, 290.638



32, 4.822, 323.805



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, 19.258, 324.564



53, 28.585, 324.820



43, 14.282, 342.839



24, 4.874, 323.884



28, 68.250, 326.825



58, 114.902, 326.750

Inverse Universe

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



42, 11.748, 18.080



52, 17.747, 18.639



48, 13.988, 159.231



24, 2.852, 16.869



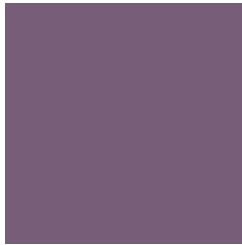
25, 59.018, 36.708



53, 102.357, 38.985

Previews

White Background



This preview shows how the CIELCh color 43, 19.260, 324.564 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, 19.260, 324.564 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, 19.260, 324.564

Background



This preview shows how black text looks on a background with the CIELCh color 43, 19.260, 324.564.



This preview shows how white text looks on a background with the CIELCh color 43, 19.260, 324.564.

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, 19.260, 324.564

Protanopia

43, 14.509, 284.903

Deuteranopia

43, 12.187, 299.193



Tritanopia
43, 10.020, 352.219

Trichromacy



Original Color
43, 19.260, 324.564

Protanomaly
43, 15.297, 300.910

Deuteranomaly
43, 14.135, 311.419

Tritanomaly
43, 13.059, 337.640

Monochromacy



Original Color
43, 19.260, 324.564

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 7.289, 324.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 19.260, 324.564 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(119, 93, 120)` looks like.

```
.text, #text, p{  
    color:rgb(119, 93, 120)  
}
```

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(119, 93, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 93, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 19.260, 324.564 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(119, 93, 120) }
```

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

```
.border{ border-color:rgb(119, 93, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 93, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 93, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 93, 120);  
box-shadow:4px 4px 4px 4px rgb(119, 93,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 19.260, 324.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 93, 120) }
```

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

```
.background{ background-color: rgb(119, 93,  
120) }
```

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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