

Converting Colors

CIELCh(44, 30.178, 310.674)

Have a look what the booklet for
CIELCh(44, 30.178, 310.674)
contains.

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Color

CIELCh(44, 30.173, 310.680)

Conversions

Conversions Part 1

Format	Color
Hex	765E8E
RGB	118, 94, 142
RGB Percent	46%, 37%, 56%
CMY	0.5368, 0.6310, 0.4427
CMYK	0.17, 0.34, 0.00, 0.44
HSL	270°, 20%, 46%
HSV	270°, 34%, 56%
XYZ	16.3876, 13.8382, 27.4406
YIQ	106.6480, -1.1040, 20.0160

Conversions

Conversions Part 2

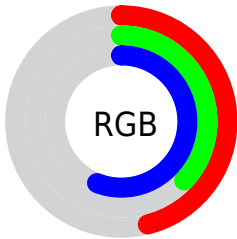
Format	Color
R_{YB}	118, 94, 142
Decimal	7757454
CIE _{Lab}	44.00, 19.67, -22.88
CIE _{LCh}	44, 30.173, 310.680
Yxy	13.8382, 0.2842, 0.2400
Android (android.graphics.Color)	4285947534 (0xFF765E8E)
YUV	106.6480, 17.4285, 9.9557
Hunter-Lab	37.1997, 13.5348, -17.6957

Details

The CIELCh color `44, 30.173, 310.680` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `56, 28.809, 127.540`, and the grayscale version is `45, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 30.017, 310.636`, and `24, 30.850, 311.008` is the 20% darker color. If you saturate the color by 10%, you get `40, 39.448, 311.209`, and if you desaturate by 10%, it is `48, 20.996, 310.162`.

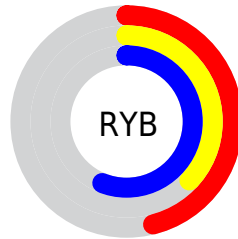
Distribution



Red (46%)

Green (37%)

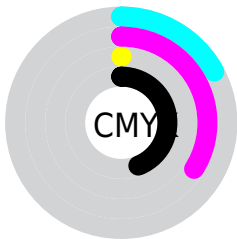
Blue (56%)



Red (46%)

Yellow (37%)

Blue (56%)

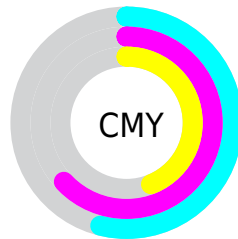


Cyan (17%)

Magenta (34%)

Yellow (0%)

Black (44%)



Cyan (54%)

Magenta (63%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 30.173, 310.680 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 44, 30.173, 310.680 by changing the saturation by 10% instead.


 44, 30.173,
310.680

 44, 30.173,
310.680


 100, 30.173,
310.680

 34, 30.173,
310.680

 64, 30.173,
310.680


 24, 30.173,
310.680

 74, 30.173,
310.680

 14, 30.173,
310.680

 84, 30.173,
310.680

 4, 30.173, 310.680

 94, 30.173,
310.680

 0, 30.173, 310.680

 44, 30.173,

 44, 30.173,

310.680

40, 39.448,
311.209

36, 48.670,
311.720

32, 57.578,
312.167

28, 65.774,
312.480

25, 72.713,
312.564

23, 77.809,
312.317

21, 80.565,
312.137

310.680

48, 20.996,
310.162

53, 12.008,
309.671

57, 3.253, 309.201

62, 5.251, 128.839

66, 13.498,
128.463

71, 21.493,
128.137

75, 29.244,
127.850

80, 36.763,
127.598

■ 84, 44.061,
127.380

Harmonies

Complementary

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



44, 30.173, 310.680



56, 28.809, 127.540

Rectangle

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



44, 30.173, 310.680



44, 30.173, 0.680



44, 30.173, 130.680



44, 30.173, 180.680

Sweetspot

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



44, 30.172, 310.680



69, 10.687, 309.503



49, 16.106, 260.700



35, 7.278, 309.561



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44, 30.172, 310.680



52, 45.467, 311.107



47, 33.461, 326.209



28, 4.908, 309.456



20, 77.642, 312.189



0, 3.276, 309.067

Inverse Universe

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



46, 23.983, 346.759



55, 35.824, 347.715



55, 33.480, 142.096



28, 3.951, 344.347



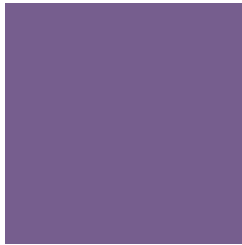
28, 52.994, 0.809



1, 2.639, 343.649

Previews

White Background



This preview shows how the CIELCh color 44, 30.173, 310.680 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 44, 30.173, 310.680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

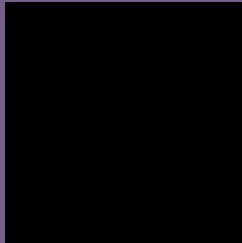
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 30.173, 310.680

Background



This preview shows how black text looks on a background with the CIELCh color 44, 30.173, 310.680.



This preview shows how white text looks on a background with the CIELCh color 44, 30.173, 310.680.

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


44, 30.173, 310.680

Protanopia

44, 27.688, 285.107

Deuteranopia

44, 22.274, 285.222



Tritanopia
44, 6.896, 336.344

Trichromacy



Original Color
44, 30.173, 310.680

Protanomaly
44, 27.587, 293.973

Deuteranomaly
44, 24.648, 296.029

Tritanomaly
44, 15.402, 317.730

Monochromacy



Original Color
44, 30.173, 310.680

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 11.394, 309.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 30.173, 310.680 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(118, 94, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 94, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 30.173, 310.680 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, 142) }
```

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

```
.border{ border-color:rgb(118, 94, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 94, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 94, 142);  
box-shadow:4px 4px 4px 4px rgb(118, 94,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 30.173, 310.680 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, 142) }
```

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

```
.background{ background-color: rgb(118, 94,  
142) }
```

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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