

Converting Colors

CIELCh(44, 26.653, 313.170)

Have a look what the booklet for
CIELCh(44, 26.653, 313.170)
contains.

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Color

CIELCh(44, 26.246, 313.291)

Conversions

Conversions Part 1

Format	Color
Hex	775F88
RGB	119, 95, 136
RGB Percent	47%, 37%, 53%
CMY	0.5340, 0.6281, 0.4673
CMYK	0.13, 0.30, 0.00, 0.47
HSL	275°, 18%, 45%
HSV	275°, 30%, 53%
XYZ	16.0942, 13.8382, 25.0515
YIQ	106.8500, 1.1430, 17.8390

Conversions

Conversions Part 2

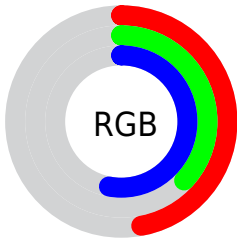
Format	Color
R_{YB}	119, 95, 136
Decimal	7823240
CIE _{Lab}	44.00, 18.00, -19.10
CIE _{LCh}	44, 26.246, 313.291
Yxy	13.8382, 0.2927, 0.2517
Android (android.graphics.Color)	4286013320 (0xFF775F88)
YUV	106.8500, 14.3710, 10.6556
Hunter-Lab	37.1997, 12.1270, -13.8880

Details

The CIELCh color $44, 26.246, 313.291$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $54, 25.406, 130.668$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $64, 25.842, 313.614$, and $24, 26.567, 313.622$ is the 20% darker color. If you saturate the color by 10%, you get $40, 35.191, 313.748$, and if you desaturate by 10%, it is $48, 17.372, 312.835$.

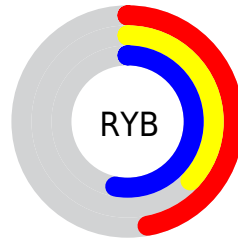
Distribution



Red (47%)

Green (37%)

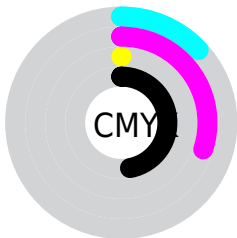
Blue (53%)



Red (47%)

Yellow (37%)

Blue (53%)

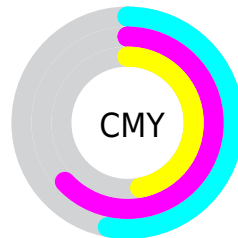


Cyan (13%)

Magenta (30%)

Yellow (0%)

Black (47%)



Cyan (53%)


Magenta (63%)

Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 26.246, 313.291 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, 26.246, 313.291 by changing the saturation by 10% instead.


 44, 26.246,
313.291


 44, 26.246,
313.291


 100, 26.246,
313.291


 34, 26.246,
313.291

 64, 26.246,
313.291


 24, 26.246,
313.291

 74, 26.246,
313.291

 14, 26.246,
313.291

 84, 26.246,
313.291

 4, 26.246, 313.291

 94, 26.246,
313.291

 0, 26.246, 313.291

 44, 26.246,

 44, 26.246,

313.291

40, 35.191,
313.748

36, 44.066,
314.181

32, 52.640,
314.553

29, 60.571,
314.808

26, 67.405,
314.873

24, 72.636,
314.665

22, 76.556,
314.289

313.291

48, 17.372,
312.835

52, 8.660, 312.395

57, 0.154, 311.291

61, 8.121, 131.640

65, 16.159,
131.293

69, 23.961,
130.986

73, 31.532,
130.712

78, 38.882,
130.470

82, 46.021,

Harmonies

Complementary

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



44, 26.246, 313.291



54, 25.406, 130.668

Rectangle

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



44, 26.246, 313.291



44, 26.246, 3.291



44, 26.246, 133.291



44, 26.246, 183.291

Sweetspot

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



44, 26.245, 313.291



67, 9.451, 312.352



47, 15.213, 268.486



35, 6.629, 312.408



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



44, 26.245, 313.291



53, 38.877, 313.594



46, 27.283, 328.444



27, 4.850, 312.351



21, 75.219, 314.314



0, 2.227, 311.990

Inverse Universe

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



45, 19.653, 351.475



55, 29.064, 352.304



53, 27.262, 144.695



27, 3.627, 349.258



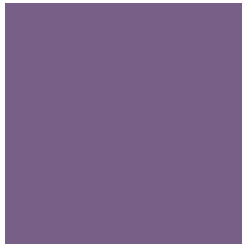
27, 51.991, 8.707



0, 1.661, 348.517

Previews

White Background



This preview shows how the CIELCh color 44, 26.246, 313.291 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, 26.246, 313.291 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, 26.246, 313.291

Background



This preview shows how black text looks on a background with the CIELCh color 44, 26.246, 313.291.



This preview shows how white text looks on a background with the CIELCh color 44, 26.246, 313.291.

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, 26.246, 313.291

Protanopia

44, 23.484, 285.047

Deuteranopia

44, 19.209, 288.581



Tritanopia
44, 7.523, 340.876

Trichromacy



Original Color
44, 26.246, 313.291

Protanomaly
44, 24.038, 295.185

Deuteranomaly
44, 21.838, 299.875

Tritanomaly
44, 14.029, 322.488

Monochromacy



Original Color
44, 26.246, 313.291

Achromatopsia
45, 0.006, 296.813

Achromatomaly
45, 9.000, 312.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 26.246, 313.291 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, 95, 136)` looks like.

```
.text, #text, p{  
    color:rgb(119, 95, 136)  
}
```

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, 95, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 95, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 26.246, 313.291 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, 95, 136) }
```

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

```
.border{ border-color:rgb(119, 95, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 95, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 95, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 95, 136);  
box-shadow:4px 4px 4px 4px rgb(119, 95,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 26.246, 313.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 95, 136) }
```

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

```
.background{ background-color: rgb(119, 95,  
136) }
```

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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