

Converting Colors

CIELCh(43, 26.857, 313.098)

Have a look what the booklet for
CIELCh(43, 26.857, 313.098)
contains.

CIELCh(43, 26.919, 312.889)	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, 26.919, 312.889)

Conversions

Conversions Part 1

Format	Color
Hex	745C86
RGB	116, 92, 134
RGB Percent	45%, 36%, 53%
CMY	0.5441, 0.6382, 0.4735
CMYK	0.13, 0.31, 0.00, 0.47
HSL	274°, 19%, 44%
HSV	274°, 31%, 53%
XYZ	15.4083, 13.1578, 24.3798
YIQ	103.9640, 0.8220, 18.1500

Conversions

Conversions Part 2

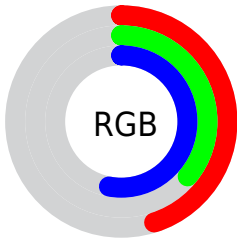
Format	Color
RYB	116, 92, 134
Decimal	7625862
CIELab	43.00, 18.32, -19.72
CIELCh	43, 26.919, 312.889
Yxy	13.1578, 0.2910, 0.2485
Android (android.graphics.Color)	4285815942 (0xFF745C86)
YUV	103.9640, 14.8077, 10.5556
Hunter-Lab	36.2736, 12.3441, -14.4578

Details

The CIELCh color $43, 26.919, 312.889$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $53, 25.989, 130.150$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 27.107, 313.522$, and $23, 26.592, 312.823$ is the 20% darker color. If you saturate the color by 10%, you get $39, 35.776, 313.353$, and if you desaturate by 10%, it is $47, 18.131, 312.426$.

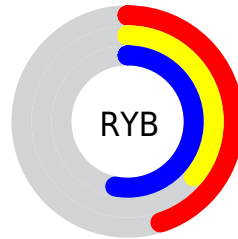
Distribution



Red (45%)

Green (36%)

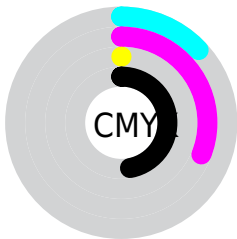
Blue (53%)



Red (45%)

Yellow (36%)

Blue (53%)

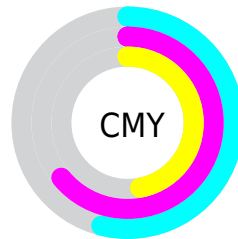


Cyan (13%)

Magenta (31%)

Yellow (0%)

Black (47%)



Cyan (54%)

Magenta (64%)

Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 26.919, 312.889 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, 26.919, 312.889 by changing the saturation by 10% instead.

 43, 26.919,
312.889


 43, 26.919,
312.889


 100, 26.919,
312.889


 33, 26.919,
312.889

 63, 26.919,
312.889


 23, 26.919,
312.889


 73, 26.919,
312.889

 13, 26.919,
312.889

 83, 26.919,
312.889

 3, 26.919, 312.889

 93, 26.919,
312.889

 0, 26.919, 312.889

 43, 26.919,

 43, 26.919,

312.889

312.889

■ 39, 35.776,
313.353

■ 47, 18.131,
312.426

■ 35, 44.559,
313.794

■ 51, 9.502, 311.979

■ 31, 53.031,
314.170

■ 55, 1.078, 311.480

■ 60, 7.117, 131.213

■ 28, 60.845,
314.425

■ 64, 15.076,
130.862

■ 25, 67.539,
314.481

■ 68, 22.801,
130.551

■ 23, 72.604,
314.252

■ 72, 30.296,
130.275

■ 21, 76.126,
313.937

■ 76, 37.572,
130.031

■ 81, 44.639,

Harmonies

Complementary

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



43, 26.919, 312.889



53, 25.989, 130.150

Rectangle

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



43, 26.919, 312.889



43, 26.919, 2.889



43, 26.919, 132.889



43, 26.919, 182.889

Sweetspot

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



43, 26.918, 312.889



66, 9.310, 311.888



46, 15.332, 267.106



34, 6.451, 311.943



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



43, 26.918, 312.889



51, 40.517, 313.240



45, 28.332, 327.993



26, 4.685, 311.884



20, 74.369, 313.971



0, 1.110, 311.524

Inverse Universe

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



44, 20.351, 350.735



53, 30.536, 351.684



52, 28.322, 144.126



26, 3.545, 348.417



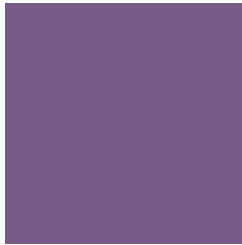
27, 51.231, 7.296



0, 0.838, 347.688

Previews

White Background



This preview shows how the CIELCh color 43, 26.919, 312.889 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 CIE LCh color 43, 26.919, 312.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

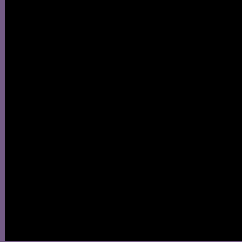
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 26.919, 312.889

Background



This preview shows how black text looks on a background with the CIELCh color 43, 26.919, 312.889.



This preview shows how white text looks on a background with the CIELCh color 43, 26.919, 312.889.

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, 26.919, 312.889

Protanopia

43, 24.188, 285.491

Deuteranopia

43, 19.890, 287.854



Tritanopia
43, 7.548, 340.892

Trichromacy



Original Color
43, 26.919, 312.889

Protanomaly
43, 24.773, 296.101

Deuteranomaly
43, 21.872, 298.956

Tritanomaly
43, 14.074, 322.500

Monochromacy



Original Color
43, 26.919, 312.889

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 9.606, 310.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 26.919, 312.889 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, 92, 134)` looks like.

```
.text, #text, p{  
    color:rgb(116, 92, 134)  
}
```

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, 92, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 92, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 26.919, 312.889 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, 92, 134) }
```

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

```
.border{ border-color:rgb(116, 92, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 92, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 92, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 92, 134);  
box-shadow:4px 4px 4px 4px rgb(116, 92,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 26.919, 312.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 92, 134) }
```

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

```
.background{ background-color: rgb(116, 92,  
134) }
```

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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