

Converting Colors

CIELCh(43, 28.542, 311.707)

Have a look what the booklet for
CIELCh(43, 28.542, 311.707)
contains.

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Color

CIELCh(43, 28.587, 311.718)

Conversions

Conversions Part 1

Format	Color
Hex	745C89
RGB	116, 92, 137
RGB Percent	45%, 36%, 54%
CMY	0.5453, 0.6394, 0.4630
CMYK	0.15, 0.33, 0.00, 0.46
HSL	272°, 20%, 45%
HSV	272°, 33%, 54%
XYZ	15.5278, 13.1578, 25.3656
YIQ	104.3060, -0.1410, 19.0830

Conversions

Conversions Part 2

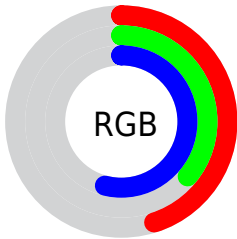
Format	Color
R_{YB}	116, 92, 137
Decimal	7625865
CIE _{Lab}	43.00, 19.02, -21.34
CIE _{LCh}	43, 28.587, 311.718
Yxy	13.1578, 0.2873, 0.2434
Android (android.graphics.Color)	4285815945 (0xFF745C89)
YUV	104.3060, 16.1181, 10.2556
Hunter-Lab	36.2736, 12.9323, -16.0691

Details

The CIELCh color $43, 28.587, 311.718$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $54, 27.434, 128.762$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 29.176, 311.985$, and $23, 28.414, 311.636$ is the 20% darker color. If you saturate the color by 10%, you get $39, 37.583, 312.213$, and if you desaturate by 10%, it is $47, 19.671, 311.229$.

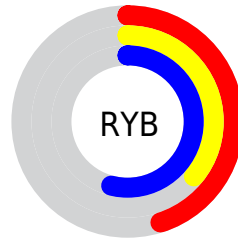
Distribution



Red (45%)

Green (36%)

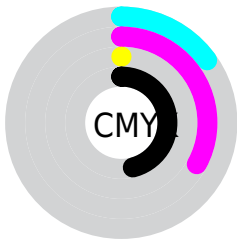
Blue (54%)



Red (45%)

Yellow (36%)

Blue (54%)

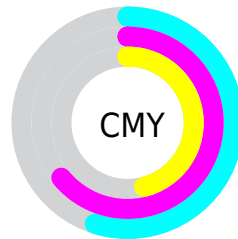


Cyan (15%)

Magenta (33%)

Yellow (0%)

Black (46%)



Cyan (55%)

Magenta (64%)

Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 28.587, 311.718 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, 28.587, 311.718 by changing the saturation by 10% instead.


 43, 28.587,
311.718

 43, 28.587,
311.718


 100, 28.587,
311.718

 33, 28.587,
311.718

 63, 28.587,
311.718

 23, 28.587,
311.718

 73, 28.587,
311.718

 13, 28.587,
311.718

 83, 28.587,
311.718

 3, 28.587, 311.718

 93, 28.587,
311.718

 0, 28.587, 311.718

 43, 28.587,

 43, 28.587,

311.718

■ 39, 37.583,
312.213

■ 35, 46.513,
312.686

■ 31, 55.128,
313.093

■ 28, 63.057,
313.371

■ 25, 69.801,
313.435

■ 22, 74.813,
313.186

■ 21, 77.851,
312.958

311.718

■ 47, 19.671,
311.229

■ 52, 10.928,
310.762

■ 56, 2.400, 310.300

■ 60, 5.889, 129.964

■ 64, 13.935,
129.601

■ 69, 21.739,
129.282

■ 73, 29.308,
129.001

■ 77, 36.654,
128.754

■ 82, 43.786,
128.538

Harmonies

Complementary

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



43, 28.587, 311.718



54, 27.434, 128.762

Rectangle

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



43, 28.587, 311.718



43, 28.587, 1.718



43, 28.587, 131.718



43, 28.587, 181.718

Sweetspot

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



43, 28.586, 311.718



67, 10.517, 310.642



47, 15.476, 262.314



34, 7.158, 310.697



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



43, 28.586, 311.718



52, 42.379, 312.065



45, 31.244, 326.620



27, 4.795, 310.595



20, 76.033, 312.992



0, 2.200, 310.221

Inverse Universe

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



44, 22.196, 348.594



54, 32.728, 349.447



53, 31.256, 142.622



27, 3.749, 346.194



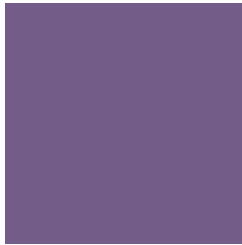
28, 52.025, 3.805



0, 1.720, 345.481

Previews

White Background



This preview shows how the CIELCh color 43, 28.587, 311.718 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, 28.587, 311.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

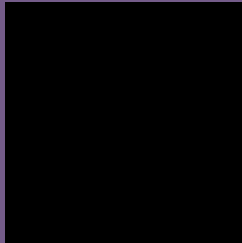
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 28.587, 311.718

Background



This preview shows how black text looks on a background with the CIELCh color 43, 28.587, 311.718.



This preview shows how white text looks on a background with the CIELCh color 43, 28.587, 311.718.

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, 28.587, 311.718

Protanopia

43, 26.026, 284.981

Deuteranopia

43, 21.133, 286.483



Tritanopia
43, 7.234, 338.718

Trichromacy



Original Color
43, 28.587, 311.718

Protanomaly
43, 26.539, 294.650

Deuteranomaly
43, 23.600, 296.956

Tritanomaly
43, 14.396, 319.849

Monochromacy



Original Color
43, 28.587, 311.718

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 10.172, 309.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 28.587, 311.718 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(116, 92, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 92, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 28.587, 311.718 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, 137) }
```

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

```
.border{ border-color:rgb(116, 92, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 92, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 92, 137); box-shadow:4px 4px 4px 4px rgb(116, 92, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 28.587, 311.718 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, 137) }
```

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

```
.background{ background-color: rgb(116, 92,  
137) }
```

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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