

Converting Colors

CIELCh(43, 26.903, 289.044)

Have a look what the booklet for
CIELCh(43, 26.903, 289.044)
contains.

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Color

CIELCh(43, 26.509, 288.792)

Conversions

Conversions Part 1

Format	Color
Hex	5C638F
RGB	92, 99, 143
RGB Percent	36%, 39%, 56%
CMY	0.6396, 0.6121, 0.4396
CMYK	0.36, 0.31, 0.00, 0.44
HSL	232°, 22%, 46%
HSV	232°, 36%, 56%
XYZ	13.8087, 13.1578, 27.7609
YIQ	101.9230, -18.2960, 12.2000

Conversions

Conversions Part 2

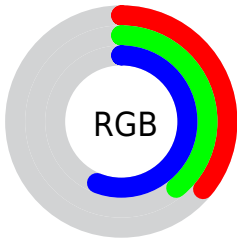
Format	Color
R_{YB}	92, 98, 143
Decimal	6054799
CIE _{Lab}	43.00, 8.54, -25.10
CIE _{LCh}	43, 26.509, 288.792
Yxy	13.1578, 0.2523, 0.2404
Android (android.graphics.Color)	4284244879 (0xFF5C638F)
YUV	101.9230, 20.2510, -8.7025
Hunter-Lab	36.2736, 4.4726, -19.9843

Details

The CIELCh color $[43, 26.509, 288.792]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[56, 24.989, 100.093]$, and the grayscale version is $[43, 0.006, 296.813]$.

A 20% lighter version of the original color is $[63, 26.321, 288.615]$, and $[23, 26.028, 288.383]$ is the 20% darker color. If you saturate the color by 10%, you get $[38, 34.555, 290.695]$, and if you desaturate by 10%, it is $[48, 18.751, 287.152]$.

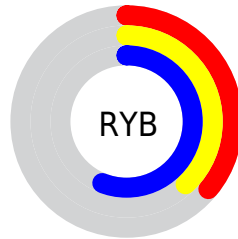
Distribution



Red (36%)

Green (39%)

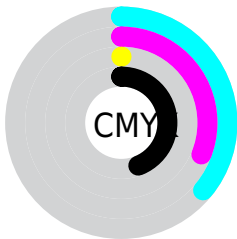
Blue (56%)



Red (36%)

Yellow (38%)

Blue (56%)

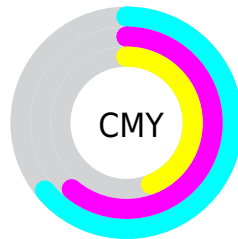


Cyan (36%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (64%)


Magenta (61%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 26.509, 288.792 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, 26.509, 288.792 by changing the saturation by 10% instead.


 43, 26.509,
288.792


 43, 26.509,
288.792


 100, 26.509,
288.792


 33, 26.509,
288.792

 63, 26.509,
288.792


 23, 26.509,
288.792

 73, 26.509,
288.792

 13, 26.509,
288.792

 83, 26.509,
288.792

 3, 26.509, 288.792

 93, 26.509,
288.792

 0, 26.509, 288.792

 43, 26.509,

 43, 26.509,

288.792

288.792

■ 38, 34.555,
290.695

■ 48, 18.751,
287.152

■ 34, 42.904,
292.876

■ 52, 11.263,
285.747

■ 30, 51.529,
295.317

■ 57, 4.021, 284.555

■ 26, 60.302,
297.937

■ 61, 2.992, 103.461

■ 66, 9.791, 102.588

■ 22, 68.884,
300.572

■ 70, 16.391,
101.814

■ 19, 76.610,
302.953

■ 75, 22.800,
101.138

■ 18, 79.501,
303.760

■ 79, 29.030,
100.544

■ 84, 35.090,

Harmonies

Complementary

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



43, 26.509, 288.792



56, 24.989, 100.093

Rectangle

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



43, 26.509, 288.792



43, 26.509, 338.792



43, 26.509, 108.792



43, 26.509, 158.792

Sweetspot

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



43, 26.508, 288.792



69, 9.731, 285.190



56, 18.918, 184.107



36, 6.603, 285.336



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



43, 26.508, 288.792



51, 40.223, 290.338



43, 31.511, 305.865



28, 4.011, 284.947



17, 76.048, 303.647



0, 2.673, 283.924

Inverse Universe

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



45, 22.398, 12.066



54, 34.071, 13.455



57, 29.497, 121.798



28, 3.295, 8.853



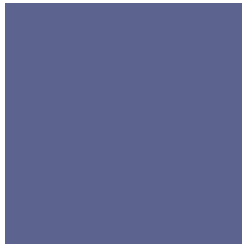
27, 59.574, 32.352



0, 2.169, 8.140

Previews

White Background



This preview shows how the CIELCh color 43, 26.509, 288.792 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, 26.509, 288.792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

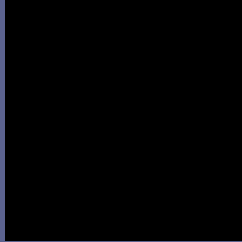
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 26.509, 288.792

Background



This preview shows how black text looks on a background with the CIELCh color 43, 26.509, 288.792.



This preview shows how white text looks on a background with the CIELCh color 43, 26.509, 288.792.

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

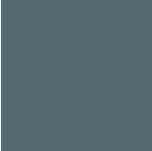
43, 26.509, 288.792

Protanopia

43, 26.613, 285.296

Deuteranopia

43, 26.067, 284.291



Tritanopia
43, 8.848, 231.786

Trichromacy



Original Color
43, 26.509, 288.792

Protanomaly
43, 26.577, 285.974

Deuteranomaly
43, 25.989, 285.679

Tritanomaly
43, 13.581, 268.222

Monochromacy



Original Color
43, 26.509, 288.792

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 9.675, 284.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 26.509, 288.792 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(92, 99, 143)` looks like.

```
.text, #text, p{  
    color:rgb(92, 99, 143)  
}
```

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(92, 99, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 99, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 26.509, 288.792 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(92, 99, 143) }
```

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

```
.border{ border-color:rgb(92, 99, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 99, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 99, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 99, 143);  
box-shadow:4px 4px 4px 4px rgb(92, 99,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 26.509, 288.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 99, 143) }
```

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

```
.background{ background-color: rgb(92, 99,  
143) }
```

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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