

Converting Colors

CIELCh(51, 26.599, 286.119)

Have a look what the booklet for
CIELCh(51, 26.599, 286.119)
contains.

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Color

CIELCh(51, 26.927, 286.436)

Conversions

Conversions Part 1

Format	Color
Hex	6D77A5
RGB	109, 119, 165
RGB Percent	43%, 47%, 65%
CMY	0.5713, 0.5321, 0.3516
CMYK	0.34, 0.28, 0.00, 0.35
HSL	229°, 24%, 54%
HSV	229°, 34%, 65%
XYZ	19.8023, 19.2686, 38.4327
YIQ	121.2540, -20.7260, 12.1860

Conversions

Conversions Part 2

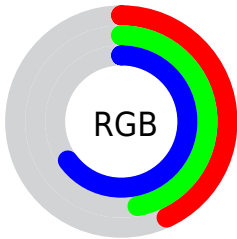
Format	Color
R _Y B	109, 117, 165
Decimal	7174053
CIE Lab	51.00, 7.62, -25.83
CIE LCh	51, 26.927, 286.436
Yxy	19.2686, 0.2555, 0.2486
Android (android.graphics.Color)	4285364133 (0xFF6D77A5)
YUV	121.2540, 21.5668, -10.7468
Hunter-Lab	43.8960, 3.7065, -21.1836

Details

The CIELCh color $51, 26.927, 286.436$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $64, 25.720, 97.844$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 26.863, 286.478$, and $31, 26.853, 286.450$ is the 20% darker color. If you saturate the color by 10%, you get $46, 35.463, 288.379$, and if you desaturate by 10%, it is $56, 18.677, 284.766$.

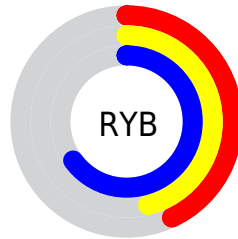
Distribution



Red (43%)

Green (47%)

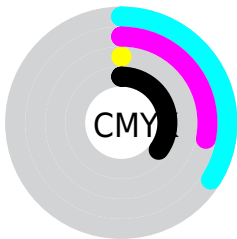
Blue (65%)



Red (43%)

Yellow (46%)

Blue (65%)

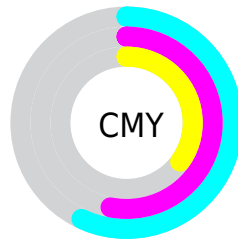


Cyan (34%)

Magenta (28%)

Yellow (0%)

Black (35%)



Cyan (57%)

Magenta (53%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 26.927, 286.436 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 51, 26.927, 286.436 by changing the saturation by 10% instead.

■ 51, 26.927,
286.436

■ 51, 26.927,
286.436

■ 100, 26.927,
286.436

■ 41, 26.927,
286.436

■ 71, 26.927,
286.436

■ 31, 26.927,
286.436

■ 81, 26.927,
286.436

■ 21, 26.927,
286.436

■ 91, 26.927,
286.436

■ 11, 26.927,
286.436

■ 1, 26.927, 286.436

■ 0, 26.927, 286.436

51, 26.927,
286.436

51, 26.927,
286.436

46, 35.463,
288.379

56, 18.677,
284.766

41, 44.310,
290.620

61, 10.692,
283.338

36, 53.466,
293.152

66, 2.949, 282.141

32, 62.862,
295.917

71, 4.568, 101.013

28, 72.256,
298.777

76, 11.873,
100.116

24, 81.109,
301.503

81, 18.977, 99.325

22, 85.949,
302.908

86, 25.891, 98.631

90, 32.623, 98.020

95, 38.980, 99.281

Harmonies

Complementary

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



51, 26.927, 286.436



64, 25.720, 97.844

Rectangle

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



51, 26.927, 286.436



51, 26.927, 336.436



51, 26.927, 106.436



51, 26.927, 156.436

Sweetspot

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



51, 26.926, 286.436



80, 9.461, 282.867



64, 20.705, 181.469



41, 6.456, 283.033



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



51, 26.926, 286.436



61, 40.762, 287.940



50, 33.521, 304.663



32, 4.284, 282.753



19, 77.499, 302.638



1, 6.709, 282.616

Inverse Universe

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



52, 23.974, 8.722



63, 36.347, 10.029



65, 31.371, 120.543



32, 3.726, 5.677



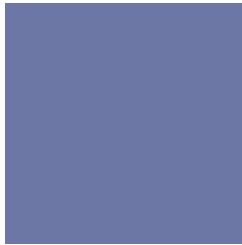
30, 61.380, 29.913



1, 5.629, 6.219

Previews

White Background



This preview shows how the CIELCh color 51, 26.927, 286.436 looks on a white background.

Color Contrast Check

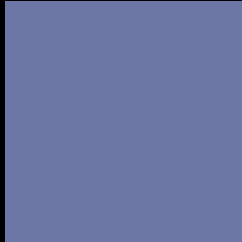
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 51, 26.927, 286.436 looks on a black 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

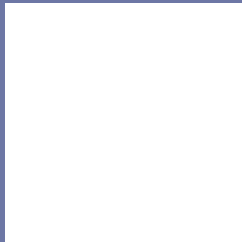
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 26.927, 286.436

Background



This preview shows how black text looks on a background with the CIELCh color 51, 26.927, 286.436.

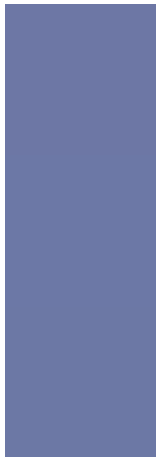


This preview shows how white text looks on a background with the CIELCh color 51, 26.927, 286.436.

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

51, 26.927, 286.436

Protanopia

51, 26.957, 285.050

Deuteranopia

51, 26.387, 284.764



Tritanopia
51, 10.101, 234.133

Trichromacy



Original Color
51, 26.927, 286.436

Protanomaly
51, 26.957, 285.050

Deuteranomaly
51, 26.387, 284.764

Tritanomaly
51, 14.644, 265.982

Monochromacy



Original Color
51, 26.927, 286.436

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 9.993, 282.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 26.927, 286.436 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(109, 119, 165)` looks like.

```
.text, #text, p{  
    color:rgb(109, 119, 165)  
}
```

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(109, 119, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 119, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 26.927, 286.436 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(109, 119, 165) }
```

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

```
.border{ border-color:rgb(109, 119, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 119, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 119, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 119, 165);  
box-shadow:4px 4px 4px 4px rgb(109, 119,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 26.927, 286.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 119, 165) }
```

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

```
.background{ background-color: rgb(109,  
119, 165) }
```

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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