

Converting Colors

CIELCh(51, 28.833, 331.375)

Have a look what the booklet for
CIELCh(51, 28.833, 331.375)
contains.

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Color

CIELCh(51, 28.833, 331.375)

Conversions

Conversions Part 1

Format	Color
Hex	996A91
RGB	153, 106, 145
RGB Percent	60%, 42%, 57%
CMY	0.3982, 0.5827, 0.4297
CMYK	0.00, 0.31, 0.05, 0.40
HSL	310°, 19%, 51%
HSV	310°, 31%, 60%
XYZ	23.5635, 19.2686, 29.4423
YIQ	124.4990, 15.4930, 22.0930

Conversions

Conversions Part 2

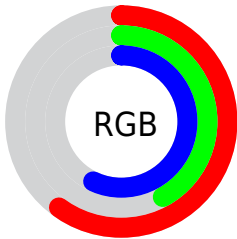
Format	Color
RYB	153, 106, 145
Decimal	10054289
CIELab	51.00, 25.31, -13.81
CIELCh	51, 28.833, 331.375
Yxy	19.2686, 0.3260, 0.2666
Android (android.graphics.Color)	4288244369 (0xFF996A91)
YUV	124.4990, 10.1070, 24.9954
Hunter-Lab	43.8960, 19.0013, -9.0403

Details

The CIELCh color $51, 28.833, 331.375$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 28.743, 147.277$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 28.809, 331.330$, and $31, 28.357, 331.753$ is the 20% darker color. If you saturate the color by 10%, you get $47, 37.964, 332.018$, and if you desaturate by 10%, it is $55, 19.433, 330.744$.

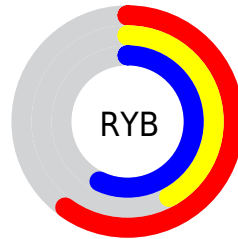
Distribution



Red (60%)

Green (42%)

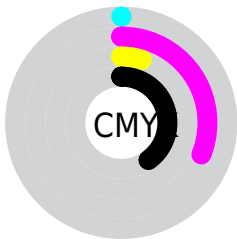
Blue (57%)



Red (60%)

Yellow (42%)

Blue (57%)

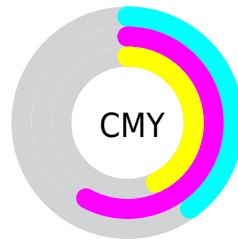


Cyan (0%)

Magenta (31%)

Yellow (5%)

Black (40%)



Cyan (40%)


Magenta (58%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 28.833, 331.375 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, 28.833, 331.375 by changing the saturation by 10% instead.


 51, 28.833,
331.375


 51, 28.833,
331.375


 100, 28.833,
331.375


 41, 28.833,
331.375


 71, 28.833,
331.375

 31, 28.833,
331.375

 81, 28.833,
331.375

 21, 28.833,
331.375

 91, 28.833,
331.375

 11, 28.833,
331.375

 1, 28.833, 331.375

 0, 28.833, 331.375

51, 28.833,
331.375

51, 28.833,
331.375

47, 37.964,
332.018

55, 19.433,
330.744

44, 46.547,
332.670

59, 9.977, 330.121

41, 54.223,
333.335

63, 0.606, 329.146

67, 8.589, 149.013

39, 60.595,
334.017

72, 17.557,
148.453

37, 65.293,
334.730


76, 26.271,
147.928

35, 68.084,
335.498

80, 34.722,
147.433

35, 69.385,
336.267

85, 42.911,
146.965

 89, 50.849,
146.523

Harmonies

Complementary

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



51, 28.833, 331.375



59, 28.743, 147.277

Rectangle

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



51, 28.833, 331.375



51, 28.833, 21.375



51, 28.833, 151.375



51, 28.833, 201.375

Sweetspot

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



51, 28.831, 331.375



76, 10.411, 330.028



47, 28.045, 299.363



39, 7.222, 330.113



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



51, 28.831, 331.375



62, 42.820, 331.829



50, 21.227, 356.943



30, 5.279, 330.031



32, 65.040, 336.192



1, 5.618, 329.964

Inverse Universe

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



51, 28.831, 331.375



62, 42.820, 331.829



60, 19.635, 170.735



30, 5.279, 330.031



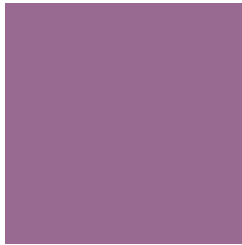
32, 65.040, 336.192



1, 5.618, 329.964

Previews

White Background



This preview shows how the CIELCh color 51, 28.833, 331.375 looks on a white background.

Color Contrast Check

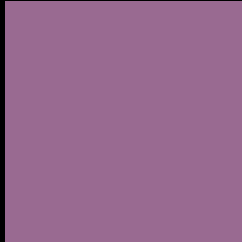
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.833, 331.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

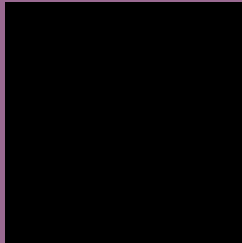
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 28.833, 331.375

Background



This preview shows how black text looks on a background with the CIELCh color 51, 28.833, 331.375.



This preview shows how white text looks on a background with the CIELCh color 51, 28.833, 331.375.

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, 28.833, 331.375

Protanopia

51, 20.485, 285.885

Deuteranopia

51, 14.117, 298.008



Tritanopia
51, 16.909, 3.648

Trichromacy



Original Color
51, 28.833, 331.375

Protanomaly
51, 22.226, 305.129

Deuteranomaly
51, 19.168, 315.523

Tritanomaly
51, 20.421, 347.498

Monochromacy



Original Color
51, 28.833, 331.375

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 10.594, 330.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 28.833, 331.375 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(153, 106, 145)` looks like.

```
.text, #text, p{  
    color:rgb(153, 106, 145)  
}
```

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(153, 106, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 106, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 28.833, 331.375 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(153, 106, 145) }
```

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

```
.border{ border-color:rgb(153, 106, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 106, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 106, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 106, 145);  
box-shadow:4px 4px 4px 4px rgb(153, 106,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 28.833, 331.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 106, 145) }
```

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

```
.background{ background-color: rgb(153,  
106, 145) }
```

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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