

Converting Colors

CIELCh(52, 28.784, 327.513)

Have a look what the booklet for
CIELCh(52, 28.784, 327.513)
contains.

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Color

CIELCh(52, 28.733, 327.240)

Conversions

Conversions Part 1

Format	Color
Hex	996E97
RGB	153, 110, 151
RGB Percent	60%, 43%, 59%
CMY	0.4002, 0.5688, 0.4080
CMYK	0.00, 0.28, 0.01, 0.40
HSL	303°, 17%, 52%
HSV	303°, 28%, 60%
XYZ	24.2829, 20.1443, 31.8684
YIQ	127.5310, 12.4670, 21.8670

Conversions

Conversions Part 2

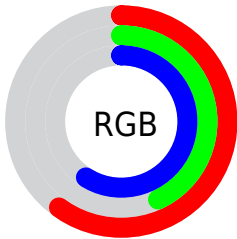
Format	Color
R_{YB}	153, 110, 151
Decimal	10055319
CIE _{Lab}	52.00, 24.16, -15.55
CIE _{LCh}	52, 28.733, 327.240
Yxy	20.1443, 0.3183, 0.2640
Android (android.graphics.Color)	4288245399 (0xFF996E97)
YUV	127.5310, 11.5702, 22.3363
Hunter-Lab	44.8824, 18.0302, -10.6807

Details

The CIELCh color $52, 28.733, 327.240$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 28.719, 143.808$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 28.686, 327.487$, and $32, 28.330, 327.106$ is the 20% darker color. If you saturate the color by 10%, you get $48, 38.714, 327.775$, and if you desaturate by 10%, it is $56, 18.508, 326.689$.

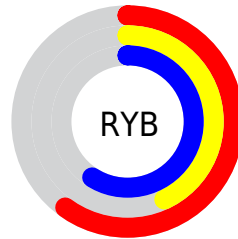
Distribution



Red (60%)

Green (43%)

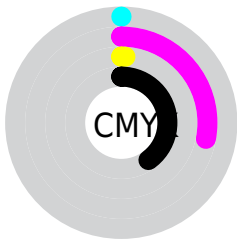
Blue (59%)



Red (60%)

Yellow (43%)

Blue (59%)

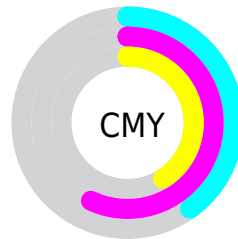


Cyan (0%)

Magenta (28%)

Yellow (1%)

Black (40%)



Cyan (40%)


Magenta (57%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 28.733, 327.240 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 52, 28.733, 327.240 by changing the saturation by 10% instead.


 52, 28.733,
327.240


 52, 28.733,
327.240


 100, 28.733,
327.240


 42, 28.733,
327.240


 72, 28.733,
327.240

 32, 28.733,
327.240

 82, 28.733,
327.240

 22, 28.733,
327.240

 92, 28.733,
327.240

 12, 28.733,
327.240

 2, 28.733, 327.240

 0, 28.733, 327.240

52, 28.733,
327.240

52, 28.733,
327.240

48, 38.714,
327.775

56, 18.508,
326.689

45, 48.177,
328.284

60, 8.250, 326.126

42, 56.772,
328.754

64, 1.899, 145.726

40, 64.106,
329.175

68, 11.850,
145.099

38, 69.814,
329.538

73, 21.547,
144.581

37, 73.642,
329.841

77, 30.963,
144.089


36, 75.767,
330.097

81, 40.089,
143.624

36, 76.126,

86, 48.925,
143.185

330.143

 90, 57.482,
142.772

Harmonies

Complementary

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



52, 28.733, 327.240



59, 28.719, 143.808

Rectangle

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



52, 28.733, 327.240



52, 28.733, 17.240



52, 28.733, 147.240



52, 28.733, 197.240

Sweetspot

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



52, 28.731, 327.240



76, 10.082, 326.129



48, 25.403, 294.595



39, 7.152, 326.210



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



52, 28.731, 327.240



64, 42.908, 327.594



51, 20.743, 348.093



30, 5.755, 326.190



33, 71.474, 330.128



1, 6.162, 325.872

Inverse Universe

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



52, 28.731, 327.240



64, 42.908, 327.594



60, 19.929, 162.928



30, 5.755, 326.190



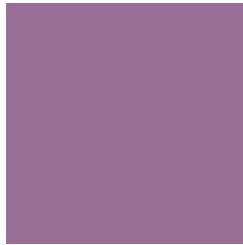
33, 71.474, 330.128



1, 6.162, 325.872

Previews

White Background



This preview shows how the CIE LCh color 52, 28.733, 327.240 looks on a white background.

Color Contrast Check

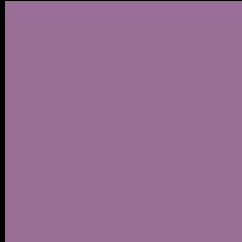
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 28.733, 327.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

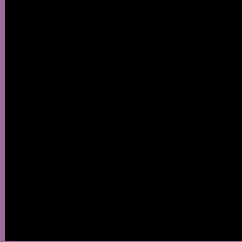
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 28.733, 327.240

Background



This preview shows how black text looks on a background with the CIELCh color 52, 28.733, 327.240.



This preview shows how white text looks on a background with the CIELCh color 52, 28.733, 327.240.

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

52, 28.733, 327.240

Protanopia

52, 21.575, 285.465

Deuteranopia

52, 16.352, 296.055



Tritanopia
52, 14.835, 0.764

Trichromacy



Original Color
52, 28.733, 327.240

Protanomaly
52, 23.128, 302.775

Deuteranomaly
52, 20.429, 311.603

Tritanomaly
52, 19.045, 342.174

Monochromacy



Original Color
52, 28.733, 327.240

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 10.537, 325.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 28.733, 327.240 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, 110, 151)` looks like.

```
.text, #text, p{  
    color:rgb(153, 110, 151)  
}
```

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, 110, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 110, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 28.733, 327.240 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, 110, 151) }
```

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

```
.border{ border-color:rgb(153, 110, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 110, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 110, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 110, 151);  
box-shadow:4px 4px 4px 4px rgb(153, 110,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 28.733, 327.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 110, 151) }
```

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

```
.background{ background-color: rgb(153,  
110, 151) }
```

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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