

Converting Colors

CIELCh(52, 27.116, 325.817)

Have a look what the booklet for
CIELCh(52, 27.116, 325.817)
contains.

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Color

CIELCh(52, 26.999, 325.816)

Conversions

Conversions Part 1

Format	Color
Hex	966F96
RGB	150, 111, 150
RGB Percent	59%, 44%, 59%
CMY	0.4107, 0.5637, 0.4107
CMYK	0.00, 0.26, 0.00, 0.41
HSL	300°, 16%, 51%
HSV	300°, 26%, 59%
XYZ	23.8655, 20.1443, 31.5966
YIQ	127.1070, 10.7250, 20.3970

Conversions

Conversions Part 2

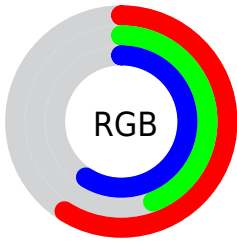
Format	Color
R_{YB}	150, 111, 150
Decimal	9858966
CIE _{Lab}	52.00, 22.33, -15.17
CIE _{LCh}	52, 26.999, 325.816
Y _{xy}	20.1443, 0.3157, 0.2664
Android (android.graphics.Color)	4288049046 (0xFF966F96)
YUV	127.1070, 11.2862, 20.0772
Hunter-Lab	44.8824, 16.3702, -10.3216

Details

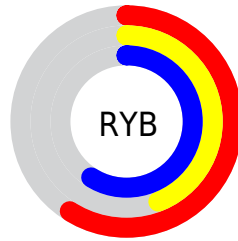
The CIELCh color $52, 26.999, 325.816$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 26.989, 142.745$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 27.009, 326.202$, and $32, 26.745, 326.270$ is the 20% darker color. If you saturate the color by 10%, you get $48, 37.217, 326.328$, and if you desaturate by 10%, it is $56, 16.581, 325.283$.

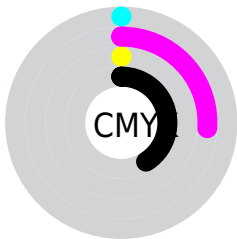
Distribution



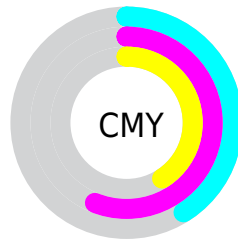
- Red (59%)
- Green (44%)
- Blue (59%)



- Red (59%)
- Yellow (44%)
- Blue (59%)



- Cyan (0%)
- Magenta (26%)
- Yellow (0%)
- Black (41%)





- Cyan (41%)
- Magenta (56%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 26.999, 325.816 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, 26.999, 325.816 by changing the saturation by 10% instead.


 52, 26.999,
325.816


 52, 26.999,
325.816


 100, 26.999,
325.816


 42, 26.999,
325.816


 72, 26.999,
325.816

 32, 26.999,
325.816

 82, 26.999,
325.816

 22, 26.999,
325.816

 92, 26.999,
325.816

 12, 26.999,
325.816

 2, 26.999, 325.816

 0, 26.999, 325.816

52, 26.999,
325.816

52, 26.999,
325.816

48, 37.217,
326.328

56, 16.581,
325.283

45, 46.975,
326.806

60, 6.162, 324.727

42, 55.938,
327.235

64, 4.126, 144.282

40, 63.727,
327.598

68, 14.199,
143.729

38, 69.974,
327.883

72, 24.005,
143.224

36, 74.409,
328.081

76, 33.520,
142.746

36, 77.023,
328.197

81, 42.735,
142.293

35, 77.889,

85, 51.652,
141.867

328.235

 89, 60.281,
141.469

Harmonies

Complementary

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



52, 26.999, 325.816



58, 26.989, 142.745

Rectangle

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



52, 26.999, 325.816



52, 26.999, 15.816



52, 26.999, 145.816



52, 26.999, 195.816

Sweetspot

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



52, 26.997, 325.816



75, 10.297, 324.854



48, 23.010, 293.169



39, 7.382, 324.934



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, 26.997, 325.816



64, 40.015, 326.110



51, 19.239, 345.936



29, 5.775, 324.912



32, 73.084, 328.235



1, 5.023, 324.440

Inverse Universe

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



52, 26.997, 325.816



64, 40.015, 326.110



59, 18.643, 161.368



29, 5.775, 324.912



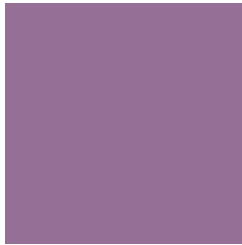
32, 73.084, 328.235



1, 5.023, 324.440

Previews

White Background



This preview shows how the CIELCh color 52, 26.999, 325.816 looks on a white background.

Color Contrast Check

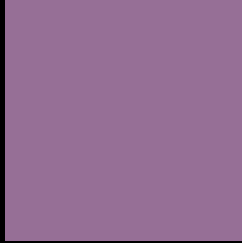
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.999, 325.816 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, 26.999, 325.816

Background



This preview shows how black text looks on a background with the CIELCh color 52, 26.999, 325.816.



This preview shows how white text looks on a background with the CIELCh color 52, 26.999, 325.816.

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, 26.999, 325.816

Protanopia
52, 20.433, 284.857

Deuteranopia
52, 15.774, 296.141



Tritanopia
52, 13.654, 358.726

Trichromacy



Original Color
52, 26.999, 325.816

Protanomaly
52, 21.270, 301.530

Deuteranomaly
52, 19.768, 311.102

Tritanomaly
52, 17.772, 340.978

Monochromacy



Original Color
52, 26.999, 325.816

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 9.845, 324.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 26.999, 325.816 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(150, 111, 150)` looks like.

```
.text, #text, p{  
    color:rgb(150, 111, 150)  
}
```

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(150, 111, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 111, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 26.999, 325.816 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(150, 111, 150) }
```

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

```
.border{ border-color:rgb(150, 111, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 111, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 111, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 111, 150);  
box-shadow:4px 4px 4px 4px rgb(150, 111,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 26.999, 325.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 111, 150) }
```

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

```
.background{ background-color: rgb(150,  
111, 150) }
```

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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