

Converting Colors

CIELCh(51, 29.353, 324.371)

Have a look what the booklet for
CIELCh(51, 29.353, 324.371)
contains.

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Color

CIELCh(51, 29.345, 324.615)

Conversions

Conversions Part 1

Format	Color
Hex	956C97
RGB	149, 108, 151
RGB Percent	58%, 42%, 59%
CMY	0.4167, 0.5774, 0.4088
CMYK	0.01, 0.29, 0.00, 0.41
HSL	297°, 17%, 51%
HSV	297°, 29%, 59%
XYZ	23.2533, 19.2686, 31.6677
YIQ	125.1610, 10.6330, 22.0650

Conversions

Conversions Part 2

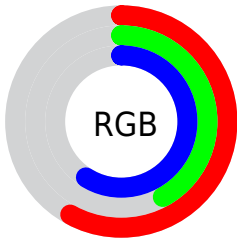
Format	Color
R_{YB}	149, 108, 151
Decimal	9792663
CIE _{Lab}	51.00, 23.92, -16.99
CIE _{LCh}	51, 29.345, 324.615
Yxy	19.2686, 0.3134, 0.2597
Android (android.graphics.Color)	4287982743 (0xFF956C97)
YUV	125.1610, 12.7386, 20.9068
Hunter-Lab	43.8960, 17.7399, -12.0460

Details

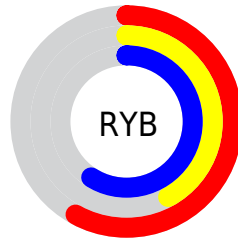
The CIELCh color $51, 29.345, 324.615$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 29.269, 141.413$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 29.222, 325.006$, and $31, 29.057, 324.241$ is the 20% darker color. If you saturate the color by 10%, you get $47, 39.435, 325.090$, and if you desaturate by 10%, it is $55, 19.036, 324.115$.

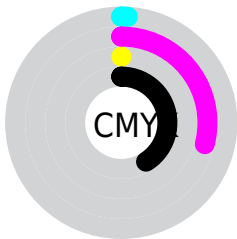
Distribution



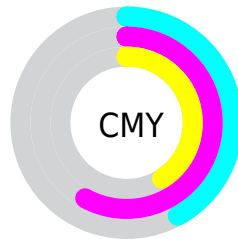
- Red (58%)
- Green (42%)
- Blue (59%)



- Red (58%)
- Yellow (42%)
- Blue (59%)



- Cyan (1%)
- Magenta (29%)
- Yellow (0%)
- Black (41%)





- Cyan (42%)
- Magenta (58%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 29.345, 324.615 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, 29.345, 324.615 by changing the saturation by 10% instead.


 51, 29.345,
324.615


 51, 29.345,
324.615


 100, 29.345,
324.615


 41, 29.345,
324.615


 71, 29.345,
324.615

 31, 29.345,
324.615

 81, 29.345,
324.615

 21, 29.345,
324.615

 91, 29.345,
324.615

 11, 29.345,
324.615

 1, 29.345, 324.615

 0, 29.345, 324.615

51, 29.345,
324.615

51, 29.345,
324.615

47, 39.435,
325.090

55, 19.036,
324.115

44, 49.042,
325.524

59, 8.710, 323.598

41, 57.821,
325.898

63, 1.499, 143.254

39, 65.384,
326.190

67, 11.506,
142.648

37, 71.354,
326.381

71, 21.259,
142.169

35, 75.464,
326.459

76, 30.733,
141.717


34, 77.922,
326.437

80, 39.918,
141.292

34, 78.261,

84, 48.815,
140.893

326.433

 89, 57.432,
140.522

Harmonies

Complementary

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



51, 29.345, 324.615



58, 29.269, 141.413

Rectangle

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



51, 29.345, 324.615



51, 29.345, 14.615



51, 29.345, 144.615



51, 29.345, 194.615

Sweetspot

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



51, 29.343, 324.615



75, 11.425, 323.634



48, 24.130, 291.573



39, 8.009, 323.705



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, 29.343, 324.615



63, 43.299, 324.912



51, 21.886, 343.456



30, 5.855, 323.636



32, 74.242, 326.444



1, 6.280, 323.031

Inverse Universe

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



50, 18.345, 18.070



61, 27.677, 18.883



59, 21.314, 158.588



30, 3.442, 16.122



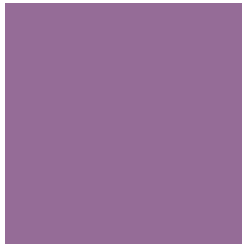
28, 64.570, 37.179



1, 3.607, 15.598

Previews

White Background



This preview shows how the CIELCh color 51, 29.345, 324.615 looks on a white background.

Color Contrast Check

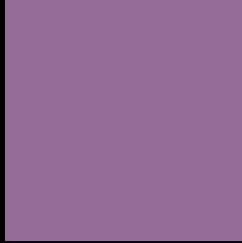
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.345, 324.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

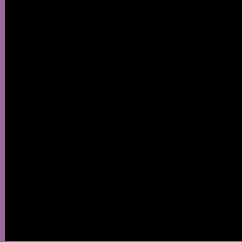
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 29.345, 324.615

Background



This preview shows how black text looks on a background with the CIELCh color 51, 29.345, 324.615.



This preview shows how white text looks on a background with the CIELCh color 51, 29.345, 324.615.

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, 29.345, 324.615

Protanopia

51, 23.422, 285.562

Deuteranopia

51, 17.522, 293.566



Tritanopia
51, 14.101, 359.482

Trichromacy



Original Color
51, 29.345, 324.615

Protanomaly
51, 24.231, 300.720

Deuteranomaly
51, 21.271, 307.719

Tritanomaly
51, 18.493, 340.483

Monochromacy



Original Color
51, 29.345, 324.615

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 10.567, 325.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 29.345, 324.615 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(149, 108, 151)` looks like.

```
.text, #text, p{  
    color:rgb(149, 108, 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(149, 108, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 108, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 29.345, 324.615 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(149, 108, 151) }
```

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

```
.border{ border-color:rgb(149, 108, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 108, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 108, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 108, 151);  
box-shadow:4px 4px 4px 4px rgb(149, 108,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 29.345, 324.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 108, 151) }
```

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

```
.background{ background-color: rgb(149,  
108, 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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