

Converting Colors

CIELCh(51, 18.999, 329.825)

Have a look what the booklet for
CIELCh(51, 18.999, 329.825)
contains.

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Color

CIELCh(51, 19.153, 329.518)

Conversions

Conversions Part 1

Format	Color
Hex	8E708A
RGB	142, 112, 138
RGB Percent	56%, 44%, 54%
CMY	0.4420, 0.5597, 0.4577
CMYK	0.00, 0.21, 0.03, 0.44
HSL	308°, 12%, 50%
HSV	308°, 21%, 56%
XYZ	21.6374, 19.2686, 26.7317
YIQ	123.9340, 9.5340, 14.4460

Conversions

Conversions Part 2

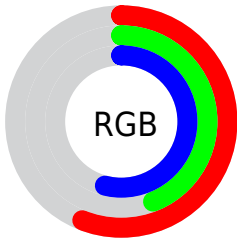
Format	Color
RYB	142, 112, 138
Decimal	9334922
CIELab	51.00, 16.51, -9.72
CIELCh	51, 19.153, 329.518
Yxy	19.2686, 0.3199, 0.2849
Android (android.graphics.Color)	4287525002 (0xFF8E708A)
YUV	123.9340, 6.9345, 15.8439
Hunter-Lab	43.8960, 11.1687, -5.3790

Details

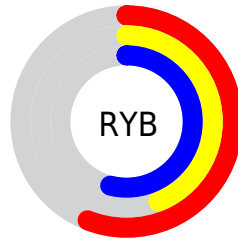
The CIELCh color $51, 19.153, 329.518$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 19.108, 146.927$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 18.922, 330.014$, and $31, 18.943, 329.217$ is the 20% darker color. If you saturate the color by 10%, you get $47, 28.205, 330.117$, and if you desaturate by 10%, it is $55, 10.032, 328.922$.

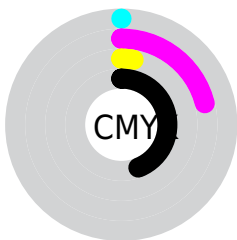
Distribution



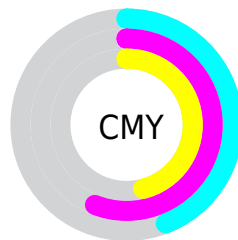
- Red (56%)
- Green (44%)
- Blue (54%)



- Red (56%)
- Yellow (44%)
- Blue (54%)



- Cyan (0%)
- Magenta (21%)
- Yellow (3%)
- Black (44%)





- Cyan (44%)
- Magenta (56%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 19.153, 329.518 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, 19.153, 329.518 by changing the saturation by 10% instead.


 51, 19.153,
329.518


 51, 19.153,
329.518


 100, 19.153,
329.518


 41, 19.153,
329.518


 71, 19.153,
329.518

 31, 19.153,
329.518

 81, 19.153,
329.518

 21, 19.153,
329.518

 91, 19.153,
329.518

 11, 19.153,
329.518

 1, 19.153, 329.518

 0, 19.153, 329.518

51, 19.153,
329.518

51, 19.153,
329.518

47, 28.205,
330.117

55, 10.032,
328.922

44, 36.994,
330.717

59, 0.985, 328.142

41, 45.248,
331.314

63, 7.901, 147.847

38, 52.633,
331.905

67, 16.572,
147.299

36, 58.780,
332.490

71, 25.002,
146.786

34, 63.351,
333.076

75, 33.180,
146.300

33, 66.137,
333.675

79, 41.106,
145.840

32, 67.571,

83, 48.788,
145.406

334.223

 87, 56.237,
144.998

Harmonies

Complementary

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



51, 19.153, 329.518



56, 19.108, 146.927

Rectangle

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



51, 19.153, 329.518



51, 19.153, 19.518



51, 19.153, 149.518



51, 19.153, 199.518

Sweetspot

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



51, 19.151, 329.518



73, 6.737, 328.617



49, 17.775, 297.213



38, 4.506, 328.653



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



51, 19.151, 329.518



64, 28.273, 329.784



51, 13.784, 353.523



28, 5.116, 328.806



31, 65.122, 334.190



1, 3.435, 328.306

Inverse Universe

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



51, 19.151, 329.518



64, 28.273, 329.784



57, 13.164, 169.594



28, 5.116, 328.806



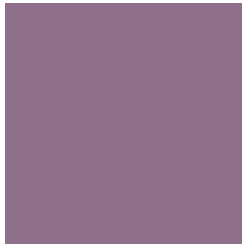
31, 65.122, 334.190



1, 3.435, 328.306

Previews

White Background



This preview shows how the CIELCh color 51, 19.153, 329.518 looks on a white background.

Color Contrast Check

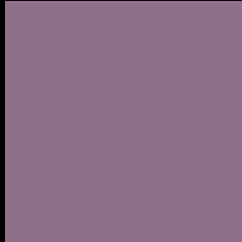
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 51, 19.153, 329.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

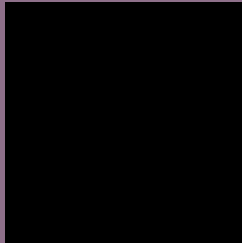
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 19.153, 329.518

Background



This preview shows how black text looks on a background with the CIELCh color 51, 19.153, 329.518.



This preview shows how white text looks on a background with the CIELCh color 51, 19.153, 329.518.

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, 19.153, 329.518

Protanopia

51, 13.450, 285.600

Deuteranopia

51, 11.560, 306.931



Tritanopia
51, 11.423, 353.602

Trichromacy



Original Color
51, 19.153, 329.518

Protanomaly
51, 14.385, 304.008

Deuteranomaly
51, 13.793, 318.289

Tritanomaly
51, 13.897, 342.284

Monochromacy



Original Color
51, 19.153, 329.518

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 6.849, 330.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 19.153, 329.518 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(142, 112, 138)` looks like.

```
.text, #text, p{  
    color:rgb(142, 112, 138)  
}
```

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(142, 112, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 112, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 19.153, 329.518 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(142, 112, 138) }
```

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

```
.border{ border-color:rgb(142, 112, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 112, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 112, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 112, 138);  
box-shadow:4px 4px 4px 4px rgb(142, 112,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 19.153, 329.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 112, 138) }
```

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

```
.background{ background-color: rgb(142,  
112, 138) }
```

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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