

Converting Colors

CIELCh(51, 33.731, 324.101)

Have a look what the booklet for
CIELCh(51, 33.731, 324.101)
contains.

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Color

CIELCh(51, 33.598, 323.812)

Conversions

Conversions Part 1

Format	Color
Hex	986A9C
RGB	152, 106, 156
RGB Percent	60%, 42%, 61%
CMY	0.4053, 0.5856, 0.3896
CMYK	0.03, 0.32, 0.00, 0.39
HSL	295°, 20%, 51%
HSV	295°, 32%, 61%
XYZ	23.9727, 19.2686, 33.7513
YIQ	125.4540, 11.3660, 25.3020

Conversions

Conversions Part 2

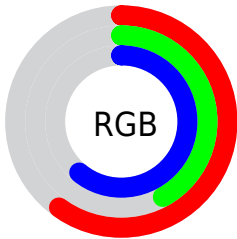
Format	Color
R_{YB}	152, 106, 156
Decimal	9988764
CIE _{Lab}	51.00, 27.12, -19.84
CIE _{LCh}	51, 33.598, 323.812
Yxy	19.2686, 0.3114, 0.2503
Android (android.graphics.Color)	4288178844 (0xFF986A9C)
YUV	125.4540, 15.0592, 23.2808
Hunter-Lab	43.8960, 20.6651, -14.8604

Details

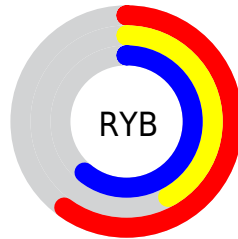
The CIELCh color $51, 33.598, 323.812$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 33.439, 140.302$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 33.737, 323.643$, and $31, 33.484, 323.503$ is the 20% darker color. If you saturate the color by 10%, you get $47, 43.776, 324.257$, and if you desaturate by 10%, it is $55, 23.137, 323.336$.

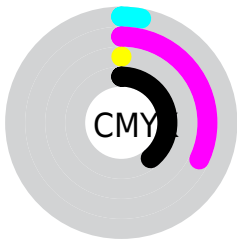
Distribution



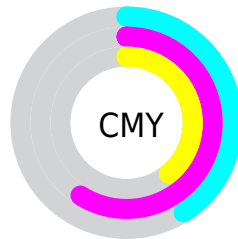
- Red (60%)
- Green (42%)
- Blue (61%)



- Red (60%)
- Yellow (42%)
- Blue (61%)



- Cyan (3%)
- Magenta (32%)
- Yellow (0%)
- Black (39%)





- Cyan (41%)
- Magenta (59%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 33.598, 323.812 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, 33.598, 323.812 by changing the saturation by 10% instead.


 51, 33.598,
323.812


 51, 33.598,
323.812


 100, 33.598,
323.812


 41, 33.598,
323.812


 71, 33.598,
323.812

 31, 33.598,
323.812

 81, 33.598,
323.812

 21, 33.598,
323.812

 91, 33.598,
323.812

 11, 33.598,
323.812

 1, 33.598, 323.812

 0, 33.598, 323.812

51, 33.598,
323.812

51, 33.598,
323.812

47, 43.776,
324.257

55, 23.137,
323.336

44, 53.380,
324.651

59, 12.617,
322.843

41, 62.035,
324.971

63, 2.186, 322.283

38, 69.328,
325.191

68, 8.057, 141.923

36, 74.880,
325.290

72, 18.054,
141.452

35, 78.458,
325.250

76, 27.776,
141.012

34, 80.312,
325.153

81, 37.208,
140.599

85, 46.350,
140.213

■ 90, 55.209,
139.854

Harmonies

Complementary

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



51, 33.598, 323.812



60, 33.439, 140.302

Rectangle

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



51, 33.598, 323.812



51, 33.598, 13.812



51, 33.598, 143.812



51, 33.598, 193.812

Sweetspot

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



51, 33.596, 323.812



76, 12.840, 322.747



48, 27.063, 290.731



40, 8.837, 322.813



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



51, 33.596, 323.812



62, 50.135, 324.156



51, 25.855, 342.076



31, 5.956, 322.700



31, 75.406, 325.175



1, 7.702, 321.785

Inverse Universe

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



50, 21.412, 15.969



60, 32.782, 17.130



60, 25.236, 156.634



31, 3.549, 13.423



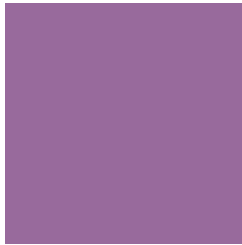
29, 64.411, 35.866



1, 4.507, 13.111

Previews

White Background



This preview shows how the CIELCh color 51, 33.598, 323.812 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, 33.598, 323.812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

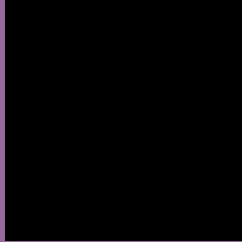
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 33.598, 323.812

Background



This preview shows how black text looks on a background with the CIELCh color 51, 33.598, 323.812.



This preview shows how white text looks on a background with the CIELCh color 51, 33.598, 323.812.

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, 33.598, 323.812

Protanopia
51, 26.957, 285.050

Deuteranopia
51, 19.838, 290.621



Tritanopia
51, 15.295, 1.431

Trichromacy



Original Color
51, 33.598, 323.812

Protanomaly
51, 27.715, 300.043

Deuteranomaly
51, 24.187, 306.903

Tritanomaly
51, 20.759, 339.931

Monochromacy



Original Color
51, 33.598, 323.812

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 12.447, 323.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 33.598, 323.812 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(152, 106, 156)` looks like.

```
.text, #text, p{  
    color:rgb(152, 106, 156)  
}
```

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(152, 106, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 106, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 33.598, 323.812 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(152, 106, 156) }
```

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

```
.border{ border-color:rgb(152, 106, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 106, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 106, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 106, 156);  
box-shadow:4px 4px 4px 4px rgb(152, 106,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 33.598, 323.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 106, 156) }
```

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

```
.background{ background-color: rgb(152,  
106, 156) }
```

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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