

Converting Colors

CIELCh(51, 32.954, 344.170)

Have a look what the booklet for
CIELCh(51, 32.954, 344.170)
contains.

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Color

CIELCh(51, 33.152, 344.063)

Conversions

Conversions Part 1

Format	Color
Hex	A7658A
RGB	167, 101, 138
RGB Percent	65%, 40%, 54%
CMY	0.3462, 0.6049, 0.4599
CMYK	0.00, 0.40, 0.17, 0.35
HSL	326°, 27%, 52%
HSV	326°, 40%, 65%
XYZ	25.0730, 19.2686, 26.3411
YIQ	124.9520, 27.4590, 25.4990

Conversions

Conversions Part 2

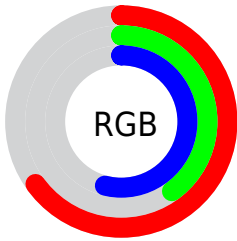
Format	Color
R_{YB}	167, 101, 138
Decimal	10970506
CIE _{Lab}	51.00, 31.88, -9.10
CIE _{LCh}	51, 33.152, 344.063
Yxy	19.2686, 0.3547, 0.2726
Android (android.graphics.Color)	4289160586 (0xFFA7658A)
YUV	124.9520, 6.4327, 36.8761
Hunter-Lab	43.8960, 25.1396, -4.8515

Details

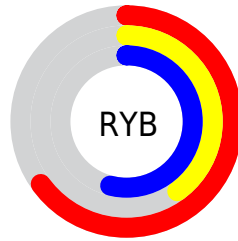
The CIELCh color **51, 33.152, 344.063** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **63, 32.091, 156.833**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 33.014, 344.219**, and **31, 32.958, 343.914** is the 20% darker color. If you saturate the color by 10%, you get **47, 41.085, 345.252**, and if you desaturate by 10%, it is **55, 24.818, 343.020**.

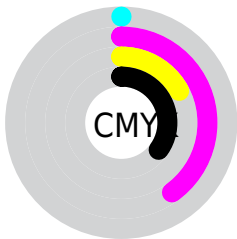
Distribution



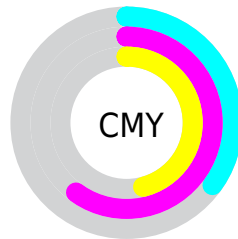
- Red (65%)
- Green (40%)
- Blue (54%)



- Red (65%)
- Yellow (40%)
- Blue (54%)



- Cyan (0%)
- Magenta (40%)
- Yellow (17%)
- Black (35%)





- Cyan (35%)
- Magenta (60%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 33.152, 344.063 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, 33.152, 344.063 by changing the saturation by 10% instead.


 51, 33.152,
344.063


 51, 33.152,
344.063


 100, 33.152,
344.063


 41, 33.152,
344.063


 71, 33.152,
344.063

 31, 33.152,
344.063

 81, 33.152,
344.063

 21, 33.152,
344.063

 91, 33.152,
344.063

 11, 33.152,
344.063

 1, 33.152, 344.063

 0, 33.152, 344.063

51, 33.152,
344.063

51, 33.152,
344.063

47, 41.085,
345.252

55, 24.818,
343.020

44, 48.278,
346.638

59, 16.352,
342.083

41, 54.316,
348.296

64, 7.927, 341.219

39, 58.797,
350.330

69, 0.343, 161.470

73, 8.396, 159.821

37, 61.455,
352.872


78, 16.199,
159.144

36, 62.624,
355.934

83, 23.743,
158.527

36, 62.673,
356.067

88, 31.031,
157.955

 92, 38.073,
157.421

Harmonies

Complementary

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



51, 33.152, 344.063



63, 32.091, 156.833

Rectangle

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



51, 33.152, 344.063



51, 33.152, 34.063



51, 33.152, 164.063



51, 33.152, 214.063

Sweetspot

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



51, 33.150, 344.064



80, 12.336, 341.444



48, 40.198, 308.868



42, 8.257, 341.549



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



51, 33.150, 344.064



62, 48.352, 345.036



50, 28.560, 18.154



33, 4.721, 341.195



32, 57.483, 355.684



2, 8.093, 344.466

Inverse Universe

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



51, 33.150, 344.064



62, 48.352, 345.036



64, 22.486, 191.179



33, 4.721, 341.195



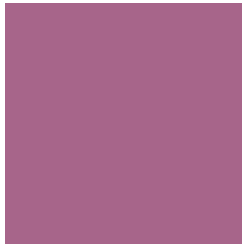
32, 57.483, 355.684



2, 8.093, 344.466

Previews

White Background



This preview shows how the CIELCh color 51, 33.152, 344.063 looks on a white background.

Color Contrast Check

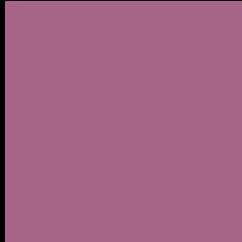
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.152, 344.063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

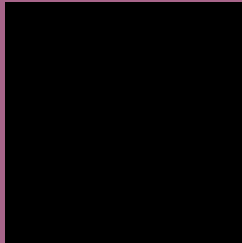
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 33.152, 344.063

Background



This preview shows how black text looks on a background with the CIELCh color 51, 33.152, 344.063.



This preview shows how white text looks on a background with the CIELCh color 51, 33.152, 344.063.

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, 33.152, 344.063

Protanopia

51, 17.550, 285.370

Deuteranopia

51, 10.005, 311.703



Tritanopia
51, 25.307, 12.308

Trichromacy



Original Color
51, 33.152, 344.063

Protanomaly
51, 20.229, 314.222

Deuteranomaly
51, 18.283, 331.814

Tritanomaly
51, 27.529, 359.849

Monochromacy



Original Color
51, 33.152, 344.063

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 12.584, 340.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 33.152, 344.063 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(167, 101, 138)` looks like.

```
.text, #text, p{  
    color:rgb(167, 101, 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(167, 101, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 101, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 33.152, 344.063 is called "border". The border property can be set on classes, ids or directly on the HTML element.

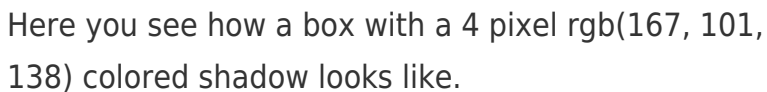
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 101, 138) }
```

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

```
.border{ border-color:rgb(167, 101, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 101, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 101, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 101, 138); box-shadow:4px 4px 4px 4px rgb(167, 101, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 33.152, 344.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 101, 138) }
```

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

```
.background{ background-color: rgb(167,  
101, 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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