

Converting Colors

CIELCh(51, 24.194, 342.358)

Have a look what the booklet for
CIELCh(51, 24.194, 342.358)
contains.

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Color

CIELCh(51, 24.223, 342.375)

Conversions

Conversions Part 1

Format	Color
Hex	9B6B86
RGB	155, 107, 134
RGB Percent	61%, 42%, 53%
CMY	0.3941, 0.5785, 0.4726
CMYK	0.00, 0.30, 0.13, 0.39
HSL	326°, 19%, 51%
HSV	326°, 30%, 61%
XYZ	23.0668, 19.2686, 25.2355
YIQ	124.4300, 19.9410, 18.5730

Conversions

Conversions Part 2

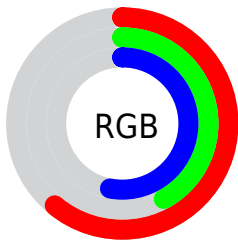
Format	Color
R _Y B	155, 107, 134
Decimal	10185606
CIE Lab	51.00, 23.09, -7.33
CIE LCh	51, 24.223, 342.375
Yxy	19.2686, 0.3414, 0.2852
Android (android.graphics.Color)	4288375686 (0xFF9B6B86)
YUV	124.4300, 4.7180, 26.8099
Hunter-Lab	43.8960, 16.9813, -3.3582

Details

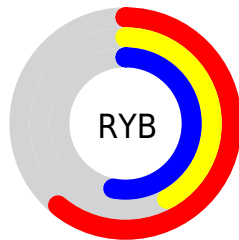
The CIELCh color $51, 24.223, 342.375$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 23.635, 157.228$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 24.370, 343.159$, and $31, 24.208, 343.789$ is the 20% darker color. If you saturate the color by 10%, you get $47, 32.091, 343.397$, and if you desaturate by 10%, it is $55, 16.203, 341.457$.

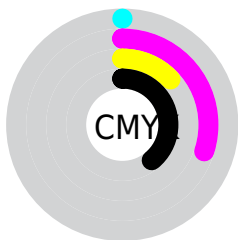
Distribution



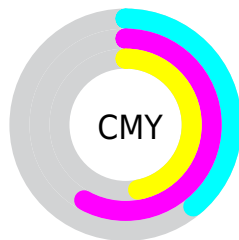
- Red (61%)
- Green (42%)
- Blue (53%)



- Red (61%)
- Yellow (42%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (13%)
- Black (39%)





- Cyan (39%)
- Magenta (58%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 24.223, 342.375 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, 24.223, 342.375 by changing the saturation by 10% instead.


 51, 24.223,
342.375


 51, 24.223,
342.375


 100, 24.223,
342.375


 41, 24.223,
342.375


 71, 24.223,
342.375

 31, 24.223,
342.375

 81, 24.223,
342.375

 21, 24.223,
342.375

 91, 24.223,
342.375

 11, 24.223,
342.375

 1, 24.223, 342.375

 0, 24.223, 342.375

51, 24.223,
342.375

51, 24.223,
342.375

47, 32.091,
343.397

55, 16.203,
341.457

44, 39.563,
344.555

59, 8.208, 340.610

40, 46.308,
345.898

64, 0.346, 338.982

68, 7.318, 159.228

38, 51.940,
347.500

72, 14.752,
158.555

36, 56.085,
349.457

77, 21.945,
157.942

34, 58.502,
351.891

81, 28.898,
157.372

33, 59.617,
354.631

86, 35.619,
156.842

■ 90, 42.123,
156.346

Harmonies

Complementary

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



51, 24.223, 342.375



60, 23.635, 157.228

Rectangle

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



51, 24.223, 342.375



51, 24.223, 32.375



51, 24.223, 162.375



51, 24.223, 212.375

Sweetspot

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



51, 24.221, 342.376



76, 8.774, 340.505



49, 28.666, 307.740



40, 6.153, 340.619



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, 24.221, 342.376



62, 36.502, 343.109



50, 20.074, 15.488



30, 4.403, 340.508



30, 55.625, 354.320



1, 4.683, 340.319

Inverse Universe

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



51, 24.221, 342.376



62, 36.502, 343.109



60, 16.929, 190.328



30, 4.403, 340.508



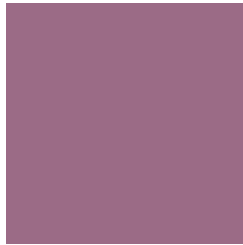
30, 55.625, 354.320



1, 4.683, 340.319

Previews

White Background



This preview shows how the CIELCh color 51, 24.223, 342.375 looks on a white background.

Color Contrast Check

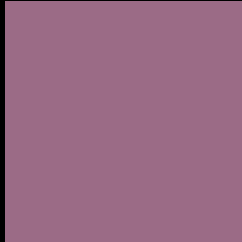
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.223, 342.375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

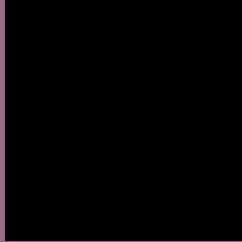
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 24.223, 342.375

Background



This preview shows how black text looks on a background with the CIELCh color 51, 24.223, 342.375.



This preview shows how white text looks on a background with the CIELCh color 51, 24.223, 342.375.

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, 24.521, 343.045

Protanopia

51, 12.873, 285.223

Deuteranopia

51, 9.280, 318.812



Tritanopia
51, 18.549, 5.532

Trichromacy



Original Color
51, 24.521, 343.045

Protanomaly
51, 15.212, 314.009

Deuteranomaly
51, 14.599, 331.873

Tritanomaly
51, 20.469, 355.249

Monochromacy



Original Color
51, 24.521, 343.045

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 8.603, 343.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 24.223, 342.375 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(155, 107, 134)` looks like.

```
.text, #text, p{  
    color:rgb(155, 107, 134)  
}
```

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(155, 107, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 107, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 24.223, 342.375 is called "border". The border property can be set on classes, ids or directly on the HTML element.

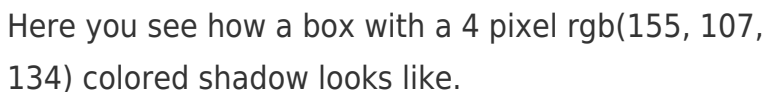
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 107, 134) }
```

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

```
.border{ border-color:rgb(155, 107, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 107, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 107, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 107, 134); box-shadow:4px 4px 4px 4px rgb(155, 107, 134) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 24.223, 342.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 107, 134) }
```

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

```
.background{ background-color: rgb(155,  
107, 134) }
```

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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