

Converting Colors

CIELCh(51, 23.245, 343.862)

Have a look what the booklet for
CIELCh(51, 23.245, 343.862)
contains.

CIELCh(51, 23.242, 343.945)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(51, 23.242, 343.945)

Conversions

Conversions Part 1

Format	Color
Hex	9A6C85
RGB	154, 108, 133
RGB Percent	60%, 42%, 52%
CMY	0.3963, 0.5767, 0.4787
CMYK	0.00, 0.30, 0.14, 0.40
HSL	327°, 19%, 51%
HSV	327°, 30%, 60%
XYZ	22.9007, 19.2686, 24.6810
YIQ	124.6040, 19.3910, 17.5270

Conversions

Conversions Part 2

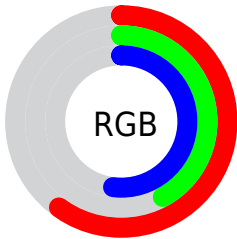
Format	Color
R_{YB}	154, 108, 133
Decimal	10120325
CIE _{Lab}	51.00, 22.34, -6.43
CIE _{LCh}	51, 23.242, 343.945
Yxy	19.2686, 0.3426, 0.2882
Android (android.graphics.Color)	4288310405 (0xFF9A6C85)
YUV	124.6040, 4.1392, 25.7803
Hunter-Lab	43.8960, 16.3059, -2.6092

Details

The CIELCh color $51, 23.242, 343.945$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 22.584, 158.760$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 23.148, 344.056$, and $31, 23.217, 343.449$ is the 20% darker color. If you saturate the color by 10%, you get $47, 30.976, 345.016$, and if you desaturate by 10%, it is $55, 15.386, 342.991$.

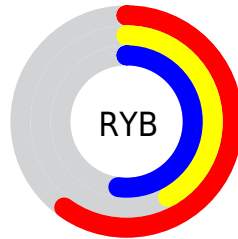
Distribution



Red (60%)

Green (42%)

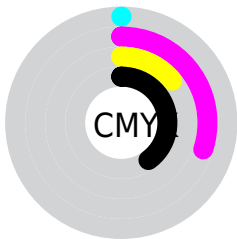
Blue (52%)



Red (60%)

Yellow (42%)

Blue (52%)

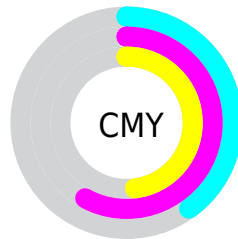


Cyan (0%)

Magenta (30%)

Yellow (14%)

Black (40%)



Cyan (40%)


Magenta (58%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 23.242, 343.945 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, 23.242, 343.945 by changing the saturation by 10% instead.


 51, 23.242,
343.945


 51, 23.242,
343.945


 100, 23.242,
343.945


 41, 23.242,
343.945


 71, 23.242,
343.945

 31, 23.242,
343.945

 81, 23.242,
343.945

 21, 23.242,
343.945

 91, 23.242,
343.945

 11, 23.242,
343.945

 1, 23.242, 343.945

 0, 23.242, 343.945

51, 23.242,
343.945

51, 23.242,
343.945

47, 30.976,
345.016

55, 15.386,
342.991

44, 38.356,
346.239

59, 7.576, 342.113

40, 45.062,
347.671

64, 0.087, 165.080

68, 7.544, 160.699

38, 50.716,
349.392

72, 14.769,
160.015

35, 54.947,
351.511

77, 21.751,
159.393

34, 57.511,
354.161


81, 28.495,
158.816

33, 58.810,
357.314

86, 35.010,
158.280

33, 58.826,

357.352

 90, 41.311,
157.780

Harmonies

Complementary

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



51, 23.242, 343.945



60, 22.584, 158.760

Rectangle

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



51, 23.242, 343.945



51, 23.242, 33.945



51, 23.242, 163.945



51, 23.242, 213.945

Sweetspot

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



51, 23.240, 343.946



75, 8.499, 342.052



49, 28.161, 308.821



39, 5.899, 342.168



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, 23.240, 343.946



62, 34.501, 344.661



50, 19.640, 17.983



30, 4.310, 342.056



30, 55.021, 357.021



1, 4.583, 341.842

Inverse Universe

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



51, 23.240, 343.946



62, 34.501, 344.661



60, 16.405, 193.362



30, 4.310, 342.056



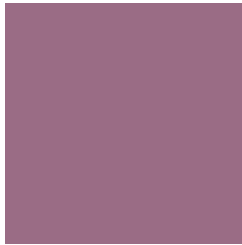
30, 55.021, 357.021



1, 4.583, 341.842

Previews

White Background



This preview shows how the CIELCh color 51, 23.242, 343.945 looks on a white background.

Color Contrast Check

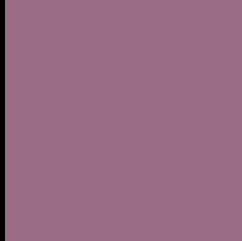
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.242, 343.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

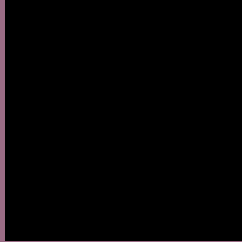
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 23.242, 343.945

Background



This preview shows how black text looks on a background with the CIELCh color 51, 23.242, 343.945.



This preview shows how white text looks on a background with the CIELCh color 51, 23.242, 343.945.

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, 23.242, 343.945

Protanopia

51, 11.686, 286.175

Deuteranopia

51, 8.773, 320.593



Tritanopia
51, 18.144, 5.093

Trichromacy



Original Color
51, 23.242, 343.945

Protanomaly
51, 14.150, 315.796

Deuteranomaly
51, 14.177, 333.435

Tritanomaly
51, 19.895, 356.177

Monochromacy



Original Color
51, 23.242, 343.945

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, 23.242, 343.945 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(154, 108, 133)` looks like.

```
.text, #text, p{  
    color:rgb(154, 108, 133)  
}
```

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(154, 108, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 108, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 23.242, 343.945 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(154, 108, 133) }
```

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

```
.border{ border-color:rgb(154, 108, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 108, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 108, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 108, 133);  
box-shadow:4px 4px 4px 4px rgb(154, 108,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 23.242, 343.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 108, 133) }
```

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

```
.background{ background-color: rgb(154,  
108, 133) }
```

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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