

Converting Colors

CIELCh(51, 23.276, 330.923)

Have a look what the booklet for
CIELCh(51, 23.276, 330.923)
contains.

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Color

CIELCh(51, 23.016, 330.738)

Conversions

Conversions Part 1

Format	Color
Hex	936E8D
RGB	147, 110, 141
RGB Percent	58%, 43%, 55%
CMY	0.4236, 0.5687, 0.4472
CMYK	0.00, 0.25, 0.04, 0.42
HSL	310°, 15%, 50%
HSV	310°, 25%, 58%
XYZ	22.4060, 19.2686, 27.7265
YIQ	124.5970, 12.1010, 17.4850

Conversions

Conversions Part 2

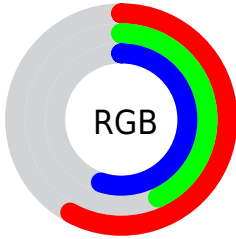
Format	Color
R_{YB}	147, 110, 141
Decimal	9662093
CIE _{Lab}	51.00, 20.08, -11.25
CIE _{LCh}	51, 23.016, 330.738
Yxy	19.2686, 0.3228, 0.2776
Android (android.graphics.Color)	4287852173 (0xFF936E8D)
YUV	124.5970, 8.0867, 19.6474
Hunter-Lab	43.8960, 14.2944, -6.7227

Details

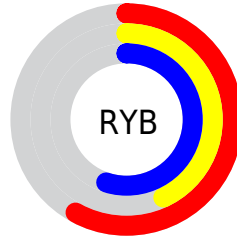
The CIELCh color $51, 23.016, 330.738$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 22.946, 147.502$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 23.015, 330.128$, and $31, 23.005, 330.755$ is the 20% darker color. If you saturate the color by 10%, you get $47, 32.052, 331.365$, and if you desaturate by 10%, it is $55, 13.839, 330.121$.

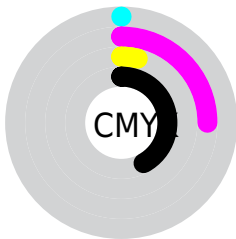
Distribution



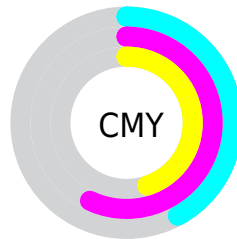
- Red (58%)
- Green (43%)
- Blue (55%)



- Red (58%)
- Yellow (43%)
- Blue (55%)



- Cyan (0%)
- Magenta (25%)
- Yellow (4%)
- Black (42%)





- Cyan (42%)
- Magenta (57%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 23.016, 330.738 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, 23.016, 330.738 by changing the saturation by 10% instead.


 51, 23.016,
330.738


 51, 23.016,
330.738


 100, 23.016,
330.738


 41, 23.016,
330.738


 71, 23.016,
330.738

 31, 23.016,
330.738

 81, 23.016,
330.738

 21, 23.016,
330.738

 91, 23.016,
330.738

 11, 23.016,
330.738

 1, 23.016, 330.738

 0, 23.016, 330.738

51, 23.016,
330.738

51, 23.016,
330.738

47, 32.052,
331.365

55, 13.839,
330.121

44, 40.720,
331.999

59, 4.690, 329.493

41, 48.714,
332.641

63, 4.324, 149.024

38, 55.667,
333.291

67, 13.138,
148.435

36, 61.201,
333.958

71, 21.716,
147.901

35, 65.005,
334.656

75, 30.042,
147.396

34, 66.983,
335.408

80, 38.113,
146.919

33, 67.675,

84, 45.935,
146.468

335.778

 88, 53.520,
146.043

Harmonies

Complementary

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



51, 23.016, 330.738



57, 22.946, 147.502

Rectangle

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



51, 23.016, 330.738



51, 23.016, 20.738



51, 23.016, 150.738



51, 23.016, 200.738

Sweetspot

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



51, 23.014, 330.738



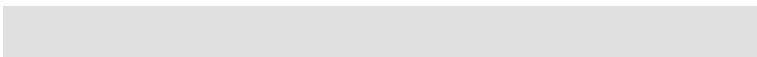
73, 9.010, 329.687



48, 21.980, 298.215



38, 6.459, 329.775



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



51, 23.014, 330.738



63, 33.966, 331.079



50, 16.845, 355.107



29, 5.162, 329.753



31, 64.585, 335.726



1, 4.488, 329.239

Inverse Universe

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



51, 23.014, 330.738



63, 33.966, 331.079



58, 15.877, 170.238



29, 5.162, 329.753



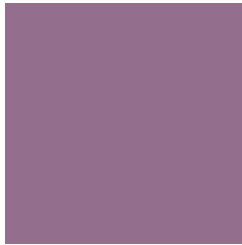
31, 64.585, 335.726



1, 4.488, 329.239

Previews

White Background



This preview shows how the CIELCh color 51, 23.016, 330.738 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, 23.016, 330.738 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, 23.016, 330.738

Background



This preview shows how black text looks on a background with the CIELCh color 51, 23.016, 330.738.



This preview shows how white text looks on a background with the CIELCh color 51, 23.016, 330.738.

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, 23.016, 330.738

Protanopia

51, 15.789, 285.589

Deuteranopia

51, 11.931, 302.652



Tritanopia
51, 13.715, 358.773

Trichromacy



Original Color
51, 23.016, 330.738

Protanomaly
51, 16.840, 305.001

Deuteranomaly
51, 15.514, 316.692

Tritanomaly
51, 16.503, 344.768

Monochromacy



Original Color
51, 23.016, 330.738

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 8.240, 329.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 23.016, 330.738 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(147, 110, 141)` looks like.

```
.text, #text, p{  
    color:rgb(147, 110, 141)  
}
```

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(147, 110, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 110, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 23.016, 330.738 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(147, 110, 141) }
```

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

```
.border{ border-color:rgb(147, 110, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 110, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 110, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 110, 141);  
box-shadow:4px 4px 4px 4px rgb(147, 110,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 23.016, 330.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 110, 141) }
```

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

```
.background{ background-color: rgb(147,  
110, 141) }
```

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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