

Converting Colors

CIELCh(51, 22.983, 316.372)

Have a look what the booklet for
CIELCh(51, 22.983, 316.372)
contains.

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Color

CIELCh(51, 22.926, 315.670)

Conversions

Conversions Part 1

Format	Color
Hex	897195
RGB	137, 113, 149
RGB Percent	54%, 44%, 58%
CMY	0.4631, 0.5572, 0.4160
CMYK	0.08, 0.24, 0.00, 0.42
HSL	280°, 15%, 51%
HSV	280°, 24%, 58%
XYZ	21.6148, 19.2686, 30.9757
YIQ	124.2800, 2.7480, 16.2840

Conversions

Conversions Part 2

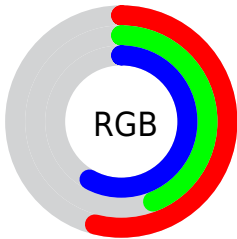
Format	Color
R_{YB}	137, 113, 149
Decimal	9007509
CIE _{Lab}	51.00, 16.40, -16.02
CIE _{LCh}	51, 22.926, 315.670
Yxy	19.2686, 0.3008, 0.2681
Android (android.graphics.Color)	4287197589 (0xFF897195)
YUV	124.2800, 12.1870, 11.1554
Hunter-Lab	43.8960, 11.0769, -11.1114

Details

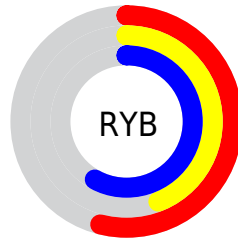
The CIELCh color $51, 22.926, 315.670$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 22.470, 133.601$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 22.846, 316.015$, and $31, 22.779, 316.018$ is the 20% darker color. If you saturate the color by 10%, you get $47, 32.622, 316.101$, and if you desaturate by 10%, it is $55, 13.315, 315.238$.

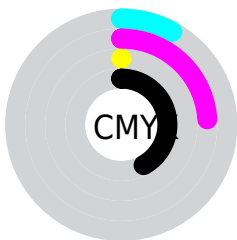
Distribution



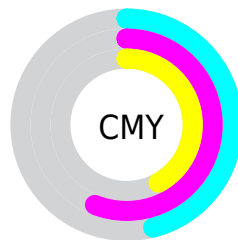
- Red (54%)
- Green (44%)
- Blue (58%)



- Red (54%)
- Yellow (44%)
- Blue (58%)



- Cyan (8%)
- Magenta (24%)
- Yellow (0%)
- Black (42%)





- Cyan (46%)
- Magenta (56%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 22.926, 315.670 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, 22.926, 315.670 by changing the saturation by 10% instead.


 51, 22.926,
315.670


 51, 22.926,
315.670


 100, 22.926,
315.670


 41, 22.926,
315.670


 71, 22.926,
315.670

 31, 22.926,
315.670

 81, 22.926,
315.670

 21, 22.926,
315.670

 91, 22.926,
315.670

 11, 22.926,
315.670

 1, 22.926, 315.670

 0, 22.926, 315.670

51, 22.926,
315.670

51, 22.926,
315.670

47, 32.622,
316.101

55, 13.315,
315.238

43, 42.264,
316.511

60, 3.879, 314.800

39, 51.628,
316.871

64, 5.333, 134.473

35, 60.390,
317.137

69, 14.300,
134.096

32, 68.118,
317.252

73, 23.011,
133.762

29, 74.314,
317.150

78, 31.467,
133.461


27, 78.554,
316.767

82, 39.676,
133.190

26, 80.598,

87, 47.647,
132.947

316.502

 91, 55.392,
132.732

Harmonies

Complementary

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



51, 22.926, 315.670



59, 22.470, 133.601

Rectangle

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



51, 22.926, 315.670



51, 22.926, 5.670



51, 22.926, 135.670



51, 22.926, 185.670

Sweetspot

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



51, 22.924, 315.670



74, 8.093, 314.935



52, 14.167, 273.254



39, 5.246, 314.957



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, 22.924, 315.670



63, 34.231, 315.904



52, 22.527, 330.263



29, 5.250, 315.024



24, 76.098, 316.571



1, 4.548, 314.667

Inverse Universe

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



51, 16.201, 356.115



63, 24.266, 356.793



58, 22.467, 147.194



29, 3.673, 354.471



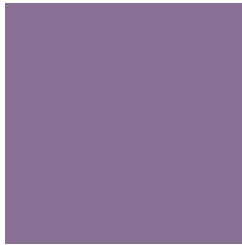
28, 54.348, 16.566



1, 3.160, 353.688

Previews

White Background



This preview shows how the CIELCh color 51, 22.926, 315.670 looks on a white background.

Color Contrast Check

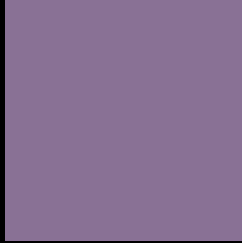
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.926, 315.670 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, 22.926, 315.670

Background



This preview shows how black text looks on a background with the CIELCh color 51, 22.926, 315.670.



This preview shows how white text looks on a background with the CIELCh color 51, 22.926, 315.670.

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, 22.926, 315.670

Protanopia

51, 19.910, 285.590

Deuteranopia

51, 16.940, 293.541



Tritanopia
51, 8.311, 341.317

Trichromacy



Original Color
51, 22.926, 315.670

Protanomaly
51, 20.576, 297.755

Deuteranomaly
51, 18.471, 302.764

Tritanomaly
51, 12.693, 325.136

Monochromacy



Original Color
51, 22.926, 315.670

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 8.387, 315.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 22.926, 315.670 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(137, 113, 149)` looks like.

```
.text, #text, p{  
    color:rgb(137, 113, 149)  
}
```

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(137, 113, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 113, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 22.926, 315.670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

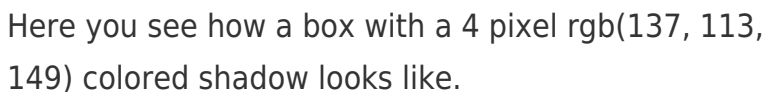
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 113, 149) }
```

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

```
.border{ border-color:rgb(137, 113, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 113, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 113, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 113, 149);  
box-shadow:4px 4px 4px 4px rgb(137, 113,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 22.926, 315.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 113, 149) }
```

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

```
.background{ background-color: rgb(137,  
113, 149) }
```

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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