

Converting Colors

CIELCh(51, 20.983, 331.038)

Have a look what the booklet for
CIELCh(51, 20.983, 331.038)
contains.

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Color

CIELCh(51, 20.992, 331.126)

Conversions

Conversions Part 1

Format	Color
Hex	916F8B
RGB	145, 111, 139
RGB Percent	57%, 44%, 55%
CMY	0.4312, 0.5645, 0.4547
CMYK	0.00, 0.23, 0.04, 0.43
HSL	311°, 13%, 50%
HSV	311°, 23%, 57%
XYZ	22.0388, 19.2686, 27.0022
YIQ	124.3580, 11.2760, 15.9160

Conversions

Conversions Part 2

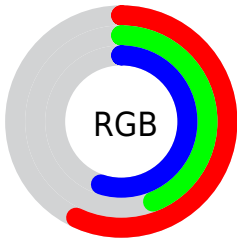
Format	Color
R_{YB}	145, 111, 139
Decimal	9531275
CIE _{Lab}	51.00, 18.38, -10.14
CIE _{LCh}	51, 20.992, 331.126
Yxy	19.2686, 0.3226, 0.2821
Android (android.graphics.Color)	4287721355 (0xFF916F8B)
YUV	124.3580, 7.2185, 18.1030
Hunter-Lab	43.8960, 12.8011, -5.7444

Details

The CIELCh color $51, 20.992, 331.126$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 20.919, 148.113$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 20.680, 331.451$, and $31, 20.873, 331.099$ is the 20% darker color. If you saturate the color by 10%, you get $47, 29.885, 331.763$, and if you desaturate by 10%, it is $55, 11.996, 330.501$.

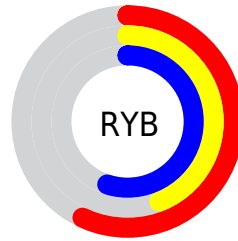
Distribution



Red (57%)

Green (44%)

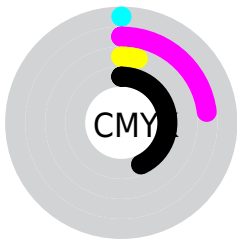
Blue (55%)



Red (57%)

Yellow (44%)

Blue (55%)

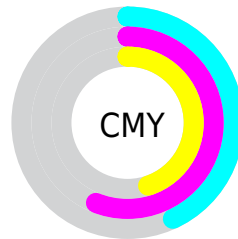


Cyan (0%)

Magenta (23%)

Yellow (4%)

Black (43%)



Cyan (43%)


Magenta (56%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 20.992, 331.126 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, 20.992, 331.126 by changing the saturation by 10% instead.


 51, 20.992,
331.126


 51, 20.992,
331.126


 100, 20.992,
331.126


 41, 20.992,
331.126


 71, 20.992,
331.126

 31, 20.992,
331.126

 81, 20.992,
331.126

 21, 20.992,
331.126

 91, 20.992,
331.126

 11, 20.992,
331.126

 1, 20.992, 331.126

 0, 20.992, 331.126

51, 20.992,
331.126

51, 20.992,
331.126

47, 29.885,
331.763

55, 11.996,
330.501

44, 38.465,
332.413

59, 3.053, 329.845

41, 46.444,
333.075

63, 5.744, 149.389

38, 53.471,
333.752

67, 14.336,
148.812

36, 59.166,
334.455

71, 22.692,
148.280

34, 63.203,
335.199

75, 30.800,
147.777

33, 65.408,
336.011

80, 38.660,
147.302

33, 66.324,

84, 46.279,
146.853

336.565

 88, 53.667,
146.430

Harmonies

Complementary

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



51, 20.992, 331.126



57, 20.919, 148.113

Rectangle

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



51, 20.992, 331.126



51, 20.992, 21.126



51, 20.992, 151.126



51, 20.992, 201.126

Sweetspot

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



51, 20.990, 331.126



73, 7.714, 330.105



48, 20.201, 298.621



38, 4.998, 330.136



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



51, 20.990, 331.126



63, 31.067, 331.452



50, 15.360, 356.022



28, 4.963, 330.234



30, 63.054, 336.501



1, 3.332, 329.718

Inverse Universe

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



51, 20.990, 331.126



63, 31.067, 331.452



57, 14.485, 171.519



28, 4.963, 330.234



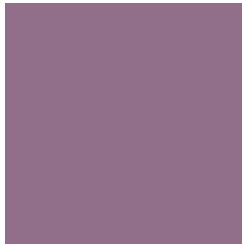
30, 63.054, 336.501



1, 3.332, 329.718

Previews

White Background



This preview shows how the CIELCh color 51, 20.992, 331.126 looks on a white background.

Color Contrast Check

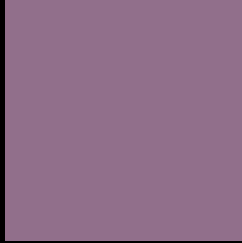
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.992, 331.126 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, 20.992, 331.126

Background



This preview shows how black text looks on a background with the CIELCh color 51, 20.992, 331.126.



This preview shows how white text looks on a background with the CIELCh color 51, 20.992, 331.126.

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, 20.992, 331.126

Protanopia

51, 14.027, 285.952

Deuteranopia

51, 11.446, 305.065



Tritanopia
51, 12.931, 357.226

Trichromacy



Original Color
51, 20.992, 331.126

Protanomaly
51, 15.710, 305.895

Deuteranomaly
51, 14.479, 318.650

Tritanomaly
51, 15.518, 344.595

Monochromacy



Original Color
51, 20.992, 331.126

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 7.814, 332.203

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 20.992, 331.126 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(145, 111, 139)` looks like.

```
.text, #text, p{  
    color:rgb(145, 111, 139)  
}
```

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(145, 111, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 111, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 20.992, 331.126 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(145, 111, 139) }
```

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

```
.border{ border-color:rgb(145, 111, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 111, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 111, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 111, 139);  
box-shadow:4px 4px 4px 4px rgb(145, 111,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 20.992, 331.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 111, 139) }
```

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

```
.background{ background-color: rgb(145,  
111, 139) }
```

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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