

Converting Colors

CIELCh(51, 20.157, 331.938)

Have a look what the booklet for
CIELCh(51, 20.157, 331.938)
contains.

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Color

CIELCh(51, 20.566, 332.182)

Conversions

Conversions Part 1

Format	Color
Hex	916F8A
RGB	145, 111, 138
RGB Percent	57%, 44%, 54%
CMY	0.4308, 0.5642, 0.4583
CMYK	0.00, 0.23, 0.05, 0.43
HSL	312°, 13%, 50%
HSV	312°, 23%, 57%
XYZ	21.9973, 19.2686, 26.6560
YIQ	124.2440, 11.5970, 15.6050

Conversions

Conversions Part 2

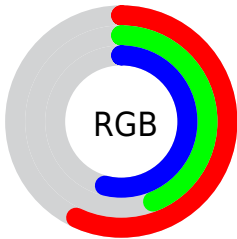
Format	Color
R_{YB}	145, 111, 138
Decimal	9531274
CIE _{Lab}	51.00, 18.19, -9.60
CIE _{LCh}	51, 20.566, 332.182
Yxy	19.2686, 0.3239, 0.2837
Android (android.graphics.Color)	4287721354 (0xFF916F8A)
YUV	124.2440, 6.7817, 18.2030
Hunter-Lab	43.8960, 12.6322, -5.2768

Details

The CIELCh color $51, 20.566, 332.182$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 20.474, 149.101$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 20.281, 332.463$, and $31, 20.414, 332.256$ is the 20% darker color. If you saturate the color by 10%, you get $47, 29.291, 332.847$, and if you desaturate by 10%, it is $55, 11.746, 331.536$.

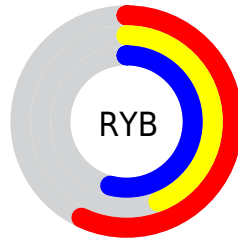
Distribution



Red (57%)

Green (44%)

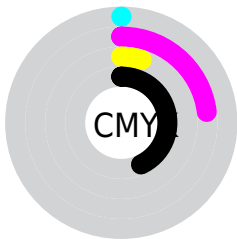
Blue (54%)



Red (57%)

Yellow (44%)

Blue (54%)

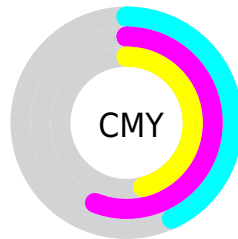


Cyan (0%)

Magenta (23%)

Yellow (5%)

Black (43%)



Cyan (43%)


Magenta (56%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 20.566, 332.182 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, 20.566, 332.182 by changing the saturation by 10% instead.


 51, 20.566,
332.182


 51, 20.566,
332.182


 100, 20.566,
332.182


 41, 20.566,
332.182


 71, 20.566,
332.182

 31, 20.566,
332.182

 81, 20.566,
332.182

 21, 20.566,
332.182

 91, 20.566,
332.182

 11, 20.566,
332.182

 1, 20.566, 332.182

 0, 20.566, 332.182

51, 20.566,
332.182

51, 20.566,
332.182

47, 29.291,
332.847

55, 11.746,
331.536

44, 37.715,
333.533

59, 2.981, 330.860

41, 45.551,
334.244

63, 5.636, 150.398

38, 52.450,
334.988

67, 14.049,
149.810

36, 58.033,
335.779

71, 22.230,
149.269

34, 61.968,
336.641

75, 30.167,
148.758


33, 64.076,
337.610

80, 37.861,
148.277

32, 64.931,

84, 45.318,
147.822

338.280

 88, 52.551,
147.394

Harmonies

Complementary

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



51, 20.566, 332.182



57, 20.474, 149.101

Rectangle

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



51, 20.566, 332.182



51, 20.566, 22.182



51, 20.566, 152.182



51, 20.566, 202.182

Sweetspot

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



51, 20.564, 332.183



73, 7.555, 331.128



49, 20.249, 299.787



38, 4.895, 331.161



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, 20.564, 332.183



63, 30.440, 332.523



50, 15.134, 358.322



28, 4.861, 331.261



30, 61.710, 338.200



1, 3.262, 330.733

Inverse Universe

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



51, 20.564, 332.183



63, 30.440, 332.523



57, 14.162, 173.789



28, 4.861, 331.261



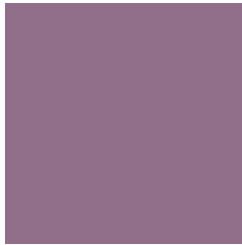
30, 61.710, 338.200



1, 3.262, 330.733

Previews

White Background



This preview shows how the CIELCh color 51, 20.566, 332.182 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, 20.566, 332.182 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, 20.566, 332.182

Background



This preview shows how black text looks on a background with the CIELCh color 51, 20.566, 332.182.



This preview shows how white text looks on a background with the CIELCh color 51, 20.566, 332.182.

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, 20.566, 332.182

Protanopia

51, 13.450, 285.600

Deuteranopia

51, 11.560, 306.931



Tritanopia
51, 12.931, 357.226

Trichromacy



Original Color
51, 20.566, 332.182

Protanomaly
51, 15.147, 306.400

Deuteranomaly
51, 13.970, 319.745

Tritanomaly
51, 15.518, 344.595

Monochromacy



Original Color
51, 20.566, 332.182

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, 20.566, 332.182 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(145, 111, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 111, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 20.566, 332.182 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, 138) }
```

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

```
.border{ border-color:rgb(145, 111, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 111, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 111, 138);  
box-shadow:4px 4px 4px 4px rgb(145, 111,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 20.566, 332.182 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, 138) }
```

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

```
.background{ background-color: rgb(145,  
111, 138) }
```

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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