

Converting Colors

CIELCh(51, 19.294, 357.139)

Have a look what the booklet for
CIELCh(51, 19.294, 357.139)
contains.

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Color

CIELCh(51, 19.297, 357.143)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 996E7C |
| RGB | 153, 110, 124 |
| RGB Percent | 60%, 43%, 49% |
| CMY | 0.4013, 0.5699, 0.5150 |
| CMYK | 0.00, 0.28, 0.19, 0.40 |
| HSL | 340°, 17%, 51% |
| HSV | 340°, 28%, 60% |
| XYZ | 22.2311, 19.2686, 21.5087 |
| YIQ | 124.4530, 21.1340, 13.4700 |

Conversions

Conversions Part 2

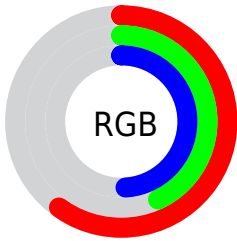
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 153, 110, 124 |
| Decimal | 10055292 |
| CIE Lab | 51.00, 19.27, -0.96 |
| CIE LCh | 51, 19.297, 357.143 |
| Yxy | 19.2686, 0.3528, 0.3058 |
| Android (android.graphics.Color) | 4288245372 (0xFF996E7C) |
| YUV | 124.4530, -0.2233, 25.0357 |
| Hunter-Lab | 43.8960, 13.5829, 1.6756 |

Details

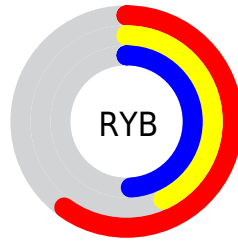
The CIELCh color $51, 19.297, 357.143$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $60, 17.928, 171.526$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 19.167, 357.932$, and $31, 19.091, 357.837$ is the 20% darker color. If you saturate the color by 10%, you get $47, 26.416, 358.547$, and if you desaturate by 10%, it is $55, 12.255, 355.949$.

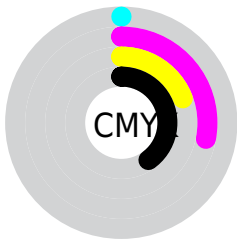
Distribution



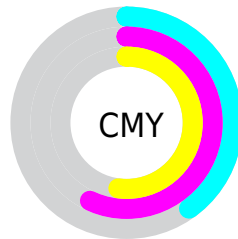
- Red (60%)
- Green (43%)
- Blue (49%)



- Red (60%)
- Yellow (43%)
- Blue (49%)



- Cyan (0%)
- Magenta (28%)
- Yellow (19%)
- Black (40%)





- Cyan (40%)
- Magenta (57%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 19.297, 357.143 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, 19.297, 357.143 by changing the saturation by 10% instead.


 51, 19.297,
357.143


 51, 19.297,
357.143


 100, 19.297,
357.143


 41, 19.297,
357.143


 71, 19.297,
357.143

 31, 19.297,
357.143

 81, 19.297,
357.143

 21, 19.297,
357.143

 91, 19.297,
357.143

 11, 19.297,
357.143

 1, 19.297, 357.143

 0, 19.297, 357.143

51, 19.297,
357.143

51, 19.297,
357.143

47, 26.416,
358.547

55, 12.255,
355.949

43, 33.446, 0.226

60, 5.405, 354.883

40, 40.134, 2.284

64, 1.196, 174.374

37, 46.176, 4.853

68, 7.524, 173.303

35, 51.267, 8.092

73, 13.577,
172.559

33, 55.223, 12.159

77, 19.363,
171.898

32, 58.284, 16.972

32, 58.881, 17.843

82, 24.898,
171.297

86, 30.203,
170.747

■ 91, 35.298,
170.241

Harmonies

Complementary

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



51, 19.297, 357.143



60, 17.928, 171.526

Rectangle

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



51, 19.297, 357.143



51, 19.297, 47.143



51, 19.297, 177.143



51, 19.297, 227.143

Sweetspot

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



51, 19.295, 357.146



76, 6.582, 354.884



50, 27.330, 315.845



39, 4.678, 355.031



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, 19.295, 357.146



62, 29.124, 358.033



52, 15.981, 35.868



30, 3.762, 354.996



29, 55.246, 17.382



1, 3.987, 354.574

Inverse Universe

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



51, 19.295, 357.146



62, 29.124, 358.033



58, 13.195, 216.407



30, 3.762, 354.996



29, 55.246, 17.382



1, 3.987, 354.574

Previews

White Background



This preview shows how the CIELCh color 51, 19.297, 357.143 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, 19.297, 357.143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

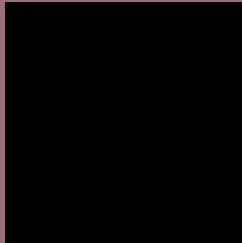
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 19.297, 357.143

Background



This preview shows how black text looks on a background with the CIELCh color 51, 19.297, 357.143.



This preview shows how white text looks on a background with the CIELCh color 51, 19.297, 357.143.

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, 19.297, 357.143

Protanopia
51, 5.249, 290.856

Deuteranopia
51, 6.530, 359.305



Tritanopia
51, 18.144, 5.093

Trichromacy



Original Color
51, 19.297, 357.143

Protanomaly
51, 9.074, 335.574

Deuteranomaly
51, 11.195, 356.284

Tritanomaly
51, 18.402, 1.585

Monochromacy



Original Color
51, 19.297, 357.143

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 6.736, 354.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 19.297, 357.143 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(153, 110, 124)` looks like.

```
.text, #text, p{  
    color:rgb(153, 110, 124)  
}
```

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(153, 110, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 110, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 19.297, 357.143 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(153, 110, 124) }
```

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

```
.border{ border-color:rgb(153, 110, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 110, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 110, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 110, 124);  
box-shadow:4px 4px 4px 4px rgb(153, 110,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 19.297, 357.143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 110, 124) }
```

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

```
.background{ background-color: rgb(153,  
110, 124) }
```

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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