

Converting Colors

CIELCh(51, 13.503, 1.146)

Have a look what the booklet for
CIELCh(51, 13.503, 1.146) contains.

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Color

CIELCh(51, 13.542, 1.080)

Conversions

Conversions Part 1

Format	Color
Hex	907179
RGB	144, 113, 121
RGB Percent	56%, 44%, 47%
CMY	0.4335, 0.5552, 0.5238
CMYK	0.00, 0.21, 0.16, 0.43
HSL	345°, 12%, 51%
HSV	345°, 21%, 57%
XYZ	21.0128, 19.2686, 20.8415
YIQ	123.1810, 15.9080, 9.0600

Conversions

Conversions Part 2

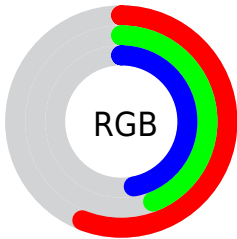
Format	Color
R_{YB}	144, 113, 121
Decimal	9466233
CIE Lab	51.00, 13.54, 0.26
CIE LCh	51, 13.542, 1.080
Yxy	19.2686, 0.3438, 0.3152
Android (android.graphics.Color)	4287656313 (0xFF907179)
YUV	123.1810, -1.0752, 18.2583
Hunter-Lab	43.8960, 8.6289, 2.5768

Details

The CIELCh color $51, 13.542, 1.080$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $57, 12.624, 176.992$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 13.389, 1.703$, and $31, 13.527, 359.999$ is the 20% darker color. If you saturate the color by 10%, you get $47, 20.204, 2.382$, and if you desaturate by 10%, it is $55, 7.084, 359.964$.

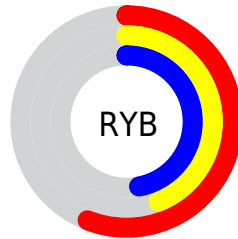
Distribution



Red (56%)

Green (44%)

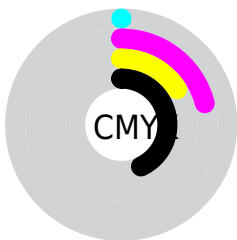
Blue (47%)



Red (56%)

Yellow (44%)

Blue (47%)

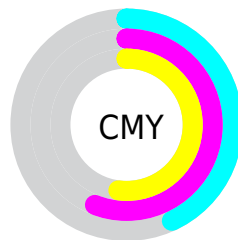


Cyan (0%)

Magenta (21%)

Yellow (16%)

Black (43%)



Cyan (43%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 13.542, 1.080 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, 13.542, 1.080 by changing the saturation by 10% instead.

 51, 13.542, 1.080  51, 13.542, 1.080

 100, 13.542, 1.080  41, 13.542, 1.080


 71, 13.542, 1.080  31, 13.542, 1.080

 81, 13.542, 1.080  21, 13.542, 1.080

 91, 13.542, 1.080  11, 13.542, 1.080

 1, 13.542, 1.080

 0, 13.542, 1.080

 51, 13.542, 1.080  51, 13.542, 1.080

 47, 20.204, 2.382  55, 7.084, 359.964

 43, 26.970, 3.933  59, 0.892, 358.639

40, 33.671, 5.825

64, 5.015, 178.322

37, 40.074, 8.178

68, 10.637,
177.546

34, 45.905, 11.135

72, 15.984,
176.875

32, 50.925, 14.848

31, 55.037, 19.408

77, 21.077,
176.274

30, 58.245, 23.572

81, 25.937,
175.729

85, 30.584,
175.231

90, 35.040,
174.773

Harmonies

Complementary

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



51, 13.542, 1.080



57, 12.624, 176.992

Rectangle

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



51, 13.542, 1.080



51, 13.542, 51.080



51, 13.542, 181.080



51, 13.542, 231.080

Sweetspot

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



51, 13.540, 1.084



73, 4.553, 359.393



51, 20.131, 317.668



38, 3.014, 359.455



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, 13.540, 1.084



63, 20.583, 1.717



53, 10.903, 42.749



28, 3.436, 359.720



28, 55.360, 23.188



0, 2.275, 358.938

Inverse Universe

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



51, 13.540, 1.084



63, 20.583, 1.717



56, 9.537, 224.586



28, 3.436, 359.720



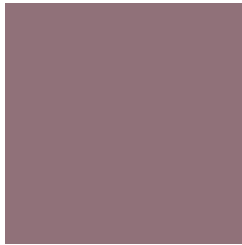
28, 55.360, 23.188



0, 2.275, 358.938

Previews

White Background



This preview shows how the CIELCh color 51, 13.542, 1.080 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, 13.542, 1.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

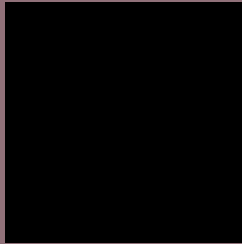
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 13.542, 1.080

Background



This preview shows how black text looks on a background with the CIELCh color 51, 13.542, 1.080.



This preview shows how white text looks on a background with the CIELCh color 51, 13.542, 1.080.

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, 13.542, 1.080

Protanopia

51, 3.034, 305.668

Deuteranopia

51, 6.758, 5.241



Tritanopia
51, 14.101, 359.482

Trichromacy



Original Color
51, 13.542, 1.080

Protanomaly
51, 6.314, 346.555

Deuteranomaly
51, 9.462, 2.685

Tritanomaly
51, 14.101, 359.482

Monochromacy



Original Color
51, 13.542, 1.080

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 4.785, 358.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 13.542, 1.080 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(144, 113, 121)` looks like.

```
.text, #text, p{  
    color:rgb(144, 113, 121)  
}
```

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(144, 113, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 113, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 13.542, 1.080 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(144, 113, 121) }
```

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

```
.border{ border-color:rgb(144, 113, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 113, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 113, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 113, 121);  
box-shadow:4px 4px 4px 4px rgb(144, 113,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 13.542, 1.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 113, 121) }
```

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

```
.background{ background-color: rgb(144,  
113, 121) }
```

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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