

Converting Colors

CIELCh(51, 14.809, 359.826)

Have a look what the booklet for
CIELCh(51, 14.809, 359.826)
contains.

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Color

CIELCh(51, 14.490, 0.156)

Conversions

Conversions Part 1

Format	Color
Hex	92717A
RGB	146, 113, 122
RGB Percent	57%, 44%, 48%
CMY	0.4281, 0.5575, 0.5222
CMYK	0.00, 0.23, 0.16, 0.43
HSL	344°, 13%, 51%
HSV	344°, 23%, 57%
XYZ	21.2116, 19.2686, 20.9588
YIQ	123.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

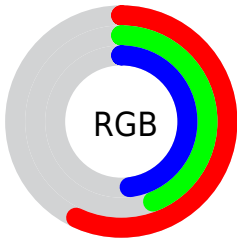
Format	Color
R_{YB}	146, 113, 122
Decimal	9597306
CIE _{Lab}	51.00, 14.49, 0.04
CIE _{LCh}	51, 14.490, 0.156
Yxy	19.2686, 0.3452, 0.3136
Android (android.graphics.Color)	4287787386 (0xFF92717A)
YUV	123.8930, -0.9332, 19.3878
Hunter-Lab	43.8960, 9.4373, 2.4184

Details

The CIELCh color $51, 14.490, 0.156$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $58, 13.502, 175.802$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 14.280, 0.729$, and $31, 14.378, 1.568$ is the 20% darker color. If you saturate the color by 10%, you get $47, 21.239, 1.476$, and if you desaturate by 10%, it is $55, 7.925, 359.026$.

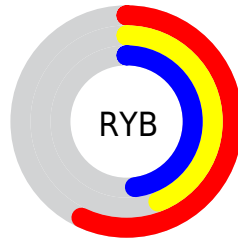
Distribution



Red (57%)

Green (44%)

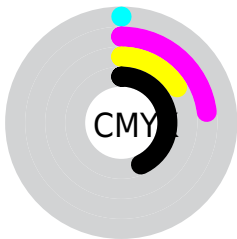
Blue (48%)



Red (57%)

Yellow (44%)

Blue (48%)

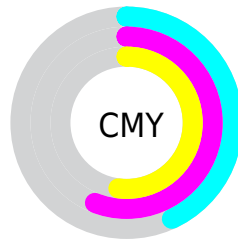


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (43%)



Cyan (43%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 14.490, 0.156 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, 14.490, 0.156 by changing the saturation by 10% instead.

 51, 14.490, 0.156  51, 14.490, 0.156

 100, 14.490, 0.156  41, 14.490, 0.156

 71, 14.490, 0.156  31, 14.490, 0.156


 81, 14.490, 0.156  21, 14.490, 0.156

 91, 14.490, 0.156  11, 14.490, 0.156

 1, 14.490, 0.156

 0, 14.490, 0.156

 51, 14.490, 0.156  51, 14.490, 0.156

 47, 21.239, 1.476  55, 7.925, 359.026

 43, 28.059, 3.049  59, 1.613, 357.875

40, 34.769, 4.968

64, 4.419, 177.358

37, 41.120, 7.355

68, 10.169,
176.559

34, 46.831, 10.356

72, 15.644,
175.874

32, 51.663, 14.125

31, 55.545, 18.754

77, 20.863,
175.260

30, 58.217, 22.351

81, 25.845,
174.703

85, 30.613,
174.194

90, 35.186,
173.725

Harmonies

Complementary

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



51, 14.490, 0.156



58, 13.502, 175.802

Rectangle

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



51, 14.490, 0.156



51, 14.490, 50.156



51, 14.490, 180.156



51, 14.490, 230.156

Sweetspot

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



51, 14.488, 0.160



73, 5.361, 358.445



51, 21.306, 317.194



38, 3.476, 358.498



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, 14.488, 0.160



63, 21.522, 0.781



53, 11.727, 40.931



29, 3.562, 358.665



28, 55.734, 22.024



1, 3.057, 357.876

Inverse Universe

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



51, 14.488, 0.160



63, 21.522, 0.781



56, 10.150, 222.498



29, 3.562, 358.665



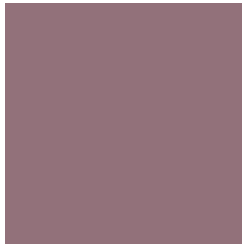
28, 55.734, 22.024



1, 3.057, 357.876

Previews

White Background



This preview shows how the CIELCh color 51, 14.490, 0.156 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, 14.490, 0.156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

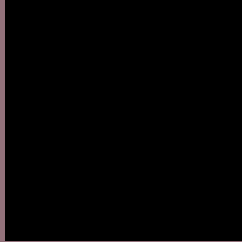
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 14.490, 0.156

Background



This preview shows how black text looks on a background with the CIELCh color 51, 14.490, 0.156.



This preview shows how white text looks on a background with the CIELCh color 51, 14.490, 0.156.

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, 14.490, 0.156

Protanopia

51, 3.529, 297.037

Deuteranopia

51, 6.758, 5.241



Tritanopia
51, 14.490, 0.156

Trichromacy



Original Color
51, 14.490, 0.156

Protanomaly
51, 6.647, 342.362

Deuteranomaly
51, 9.462, 2.685

Tritanomaly
51, 14.490, 0.156

Monochromacy



Original Color
51, 14.490, 0.156

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 5.168, 0.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 14.490, 0.156 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(146, 113, 122)` looks like.

```
.text, #text, p{  
    color:rgb(146, 113, 122)  
}
```

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(146, 113, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 113, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 14.490, 0.156 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(146, 113, 122) }
```

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

```
.border{ border-color:rgb(146, 113, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 113, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 113, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 113, 122);  
box-shadow:4px 4px 4px 4px rgb(146, 113,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 14.490, 0.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 113, 122) }
```

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

```
.background{ background-color: rgb(146,  
113, 122) }
```

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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