

Converting Colors

CIELCh(51, 11.332, 14.047)

Have a look what the booklet for
CIELCh(51, 11.332, 14.047) contains.

CIELCh(51, 11.282, 14.840)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(51, 11.282, 14.840)

Conversions

Conversions Part 1

Format	Color
Hex	8E7375
RGB	142, 115, 117
RGB Percent	56%, 45%, 46%
CMY	0.4435, 0.5493, 0.5415
CMYK	0.00, 0.19, 0.18, 0.44
HSL	356°, 11%, 50%
HSV	356°, 19%, 56%
XYZ	20.4684, 19.2686, 19.4449
YIQ	123.3010, 15.4500, 6.3460

Conversions

Conversions Part 2

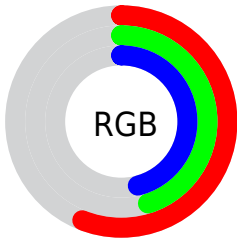
Format	Color
R_{YB}	142, 115, 117
Decimal	9335669
CIE _{Lab}	51.00, 10.91, 2.89
CIE _{LCh}	51, 11.282, 14.840
Yxy	19.2686, 0.3459, 0.3256
Android (android.graphics.Color)	4287525749 (0xFF8E7375)
YUV	123.3010, -3.1064, 16.3990
Hunter-Lab	43.8960, 6.4151, 4.4632

Details

The CIELCh color **51, 11.282, 14.840** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **57, 10.171, 191.986**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 11.269, 14.861**, and **31, 11.072, 14.790** is the 20% darker color. If you saturate the color by 10%, you get **47, 17.770, 15.995**, and if you desaturate by 10%, it is **55, 5.175, 13.884**.

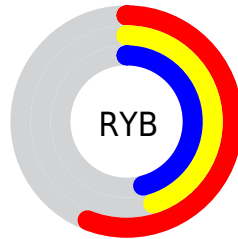
Distribution



Red (56%)

Green (45%)

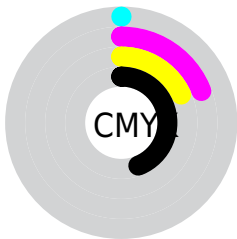
Blue (46%)



Red (56%)

Yellow (45%)

Blue (46%)

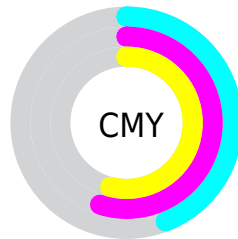


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (44%)



Cyan (44%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 11.282, 14.840 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, 11.282, 14.840 by changing the saturation by 10% instead.

■ 51, 11.282, 14.840

■ 51, 11.282, 14.840

■ 100, 11.282,
14.840

■ 41, 11.282, 14.840

■ 71, 11.282, 14.840

■ 31, 11.282, 14.840

■ 81, 11.282, 14.840

■ 21, 11.282, 14.840

■ 91, 11.282, 14.840

■ 11, 11.282, 14.840

■ 1, 11.282, 14.840

■ 0, 11.282, 14.840

■ 51, 11.282, 14.840

■ 51, 11.282, 14.840

■ 47, 17.770, 15.995

■ 55, 5.175, 13.884

■ 43, 24.597, 17.423

■ 59, 0.541, 193.987

40, 31.667, 19.226

64, 5.880, 192.652

36, 38.822, 21.517

68, 10.871,
192.087

34, 45.853, 24.407

72, 15.546,
191.619

31, 52.525, 27.954

30, 58.594, 32.036

77, 19.938,
191.218

29, 63.845, 35.858

81, 24.078,
190.868

29, 64.299, 36.105

85, 27.997,
190.559

90, 31.719,
190.285

Harmonies

Complementary

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



51, 11.282, 14.840



57, 10.171, 191.986

Rectangle

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



51, 11.282, 14.840



51, 11.282, 64.840



51, 11.282, 194.840



51, 11.282, 244.840

Sweetspot

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



51, 11.281, 14.847



71, 4.206, 13.611



52, 18.422, 323.084



37, 2.785, 13.664



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



51, 11.281, 14.847



63, 17.076, 15.330



54, 9.255, 63.909



28, 3.257, 13.899



27, 61.827, 35.796



0, 2.136, 13.272

Inverse Universe

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



51, 11.281, 14.847



63, 17.076, 15.330



54, 8.596, 248.267



28, 3.257, 13.899



27, 61.827, 35.796



0, 2.136, 13.272

Previews

White Background



This preview shows how the CIELCh color 51, 11.282, 14.840 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, 11.282, 14.840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

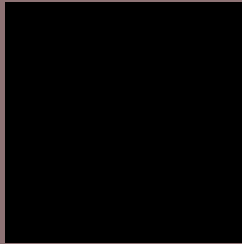
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 11.282, 14.840

Background



This preview shows how black text looks on a background with the CIELCh color 51, 11.282, 14.840.



This preview shows how white text looks on a background with the CIELCh color 51, 11.282, 14.840.

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, 11.282, 14.840

Protanopia

51, 1.336, 45.004

Deuteranopia

51, 7.142, 29.444



Tritanopia
51, 12.931, 357.226

Trichromacy



Original Color
51, 11.282, 14.840

Protanomaly
51, 4.906, 19.881

Deuteranomaly
51, 8.752, 24.132

Tritanomaly
51, 12.575, 2.147

Monochromacy



Original Color
51, 11.282, 14.840

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 4.104, 11.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 11.282, 14.840 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(142, 115, 117)` looks like.

```
.text, #text, p{  
    color:rgb(142, 115, 117)  
}
```

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(142, 115, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 115, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 11.282, 14.840 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(142, 115, 117) }
```

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

```
.border{ border-color:rgb(142, 115, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 115, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 115, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 115, 117);  
box-shadow:4px 4px 4px 4px rgb(142, 115,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 11.282, 14.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 115, 117) }
```

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

```
.background{ background-color: rgb(142,  
115, 117) }
```

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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