

Converting Colors

CIELCh(51, 11.414, 93.508)

Have a look what the booklet for
CIELCh(51, 11.414, 93.508) contains.

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Color

CIELCh(51, 11.414, 93.536)

Conversions

Conversions Part 1

Format	Color
Hex	807966
RGB	128, 121, 102
RGB Percent	50%, 47%, 40%
CMY	0.4975, 0.5250, 0.5995
CMYK	0.00, 0.05, 0.20, 0.50
HSL	44°, 11%, 45%
HSV	44°, 20%, 50%
XYZ	18.1806, 19.2686, 15.3651
YIQ	120.9270, 10.2710, -4.4250

Conversions

Conversions Part 2

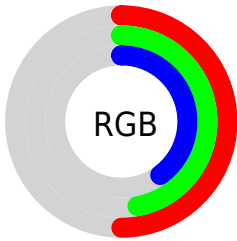
Format	Color
R_{YB}	112, 128, 102
Decimal	8419686
CIE Lab	51.00, -0.70, 11.39
CIE LCh	51, 11.414, 93.536
Yxy	19.2686, 0.3442, 0.3648
Android (android.graphics.Color)	4286609766 (0xFF807966)
YUV	120.9270, -9.3310, 6.2030
Hunter-Lab	43.8960, -2.8878, 9.9737

Details

The CIELCh color **51, 11.414, 93.536** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **46, 11.524, 278.588**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 11.315, 92.865**, and **31, 11.733, 93.889** is the 20% darker color. If you saturate the color by 10%, you get **50, 17.140, 92.325**, and if you desaturate by 10%, it is **52, 5.749, 94.718**.

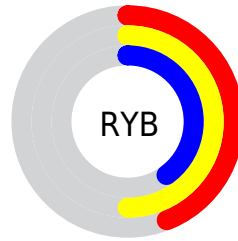
Distribution



Red (50%)

Green (47%)

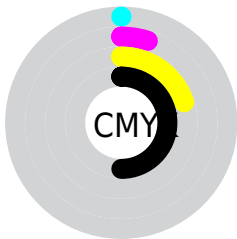
Blue (40%)



Red (44%)

Yellow (50%)

Blue (40%)

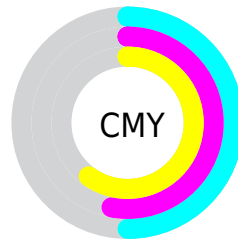


Cyan (0%)

Magenta (5%)

Yellow (20%)

Black (50%)



Cyan (50%)

Magenta (53%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 11.414, 93.536 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, 11.414, 93.536 by changing the saturation by 10% instead.

■ 51, 11.414, 93.536

■ 51, 11.414, 93.536

■ 100, 11.414,
93.536

■ 41, 11.414, 93.536

■ 71, 11.414, 93.536

■ 31, 11.414, 93.536

■ 81, 11.414, 93.536

■ 21, 11.414, 93.536

■ 91, 11.414, 93.536

■ 11, 11.414, 93.536

■ 1, 11.414, 93.536

■ 0, 11.414, 93.536

■ 51, 11.414, 93.536

■ 51, 11.414, 93.536

■ 50, 17.140, 92.325

■ 52, 5.749, 94.718

■ 49, 22.891, 91.073

■ 54, 0.157, 94.980

47, 28.609, 89.788

55, 5.355, 277.021

46, 34.181, 88.469

56, 10.787,
278.066

45, 39.416, 87.101

58, 16.141,
279.073

44, 44.003, 85.649

43, 47.505, 84.040

59, 21.421,
280.034

42, 50.164, 82.407

61, 26.631,
280.947

62, 31.774,
281.813

63, 36.855,
282.634

Harmonies

Complementary

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



51, 11.414, 93.536



46, 11.524, 278.588

Rectangle

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



51, 11.414, 93.536



51, 11.414, 143.536



51, 11.414, 273.536



51, 11.414, 323.536

Sweetspot

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



51, 11.415, 93.544



67, 4.120, 95.183



46, 11.686, 359.097



35, 2.756, 95.127



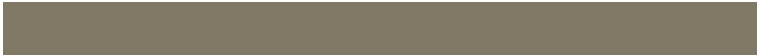
85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



51, 11.415, 93.544



64, 16.705, 93.030



53, 15.127, 117.342



26, 3.131, 94.855



42, 49.986, 82.419



0, 0.000, 0.000

Inverse Universe

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



46, 11.524, 278.588



57, 16.899, 279.251



45, 15.763, 300.085



25, 3.150, 277.042



19, 62.335, 298.763



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 11.414, 93.536 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, 11.414, 93.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

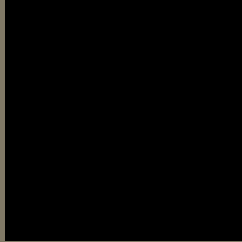
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

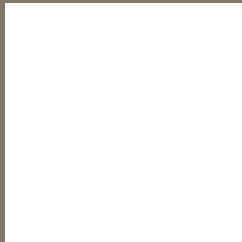
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 11.414, 93.536

Background



This preview shows how black text looks on a background with the CIELCh color 51, 11.414, 93.536.



This preview shows how white text looks on a background with the CIELCh color 51, 11.414, 93.536.

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, 11.414, 93.536

Protanopia

51, 11.414, 93.536

Deuteranopia

51, 12.928, 58.853



Tritanopia
51, 7.407, 335.222

Trichromacy



Original Color
51, 11.414, 93.536

Protanomaly
51, 11.414, 93.536

Deuteranomaly
51, 11.870, 70.901

Tritanomaly
51, 4.539, 27.155

Monochromacy



Original Color
51, 11.414, 93.536

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 4.238, 92.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 11.414, 93.536 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(128, 121, 102)` looks like.

```
.text, #text, p{  
    color:rgb(128, 121, 102)  
}
```

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(128, 121, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 121, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 11.414, 93.536 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(128, 121, 102) }
```

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

```
.border{ border-color:rgb(128, 121, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 121, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 121, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 121, 102);  
box-shadow:4px 4px 4px 4px rgb(128, 121,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 11.414, 93.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 121, 102) }
```

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

```
.background{ background-color: rgb(128,  
121, 102) }
```

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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