

Converting Colors

CIELCh(53, 14.687, 96.520)

Have a look what the booklet for
CIELCh(53, 14.687, 96.520) contains.

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Color

CIELCh(53, 14.667, 96.540)

Conversions

Conversions Part 1

Format	Color
Hex	867F66
RGB	134, 127, 102
RGB Percent	53%, 50%, 40%
CMY	0.4763, 0.5037, 0.6017
CMYK	0.00, 0.05, 0.24, 0.48
HSL	47°, 14%, 46%
HSV	47°, 24%, 52%
XYZ	19.6686, 21.0462, 15.4845
YIQ	126.2430, 12.1970, -6.2910

Conversions

Conversions Part 2

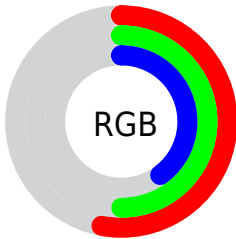
Format	Color
R_{YB}	111, 134, 102
Decimal	8814438
CIE Lab	53.00, -1.67, 14.57
CIE LCh	53, 14.667, 96.540
Yxy	21.0462, 0.3500, 0.3745
Android (android.graphics.Color)	4287004518 (0xFF867F66)
YUV	126.2430, -11.9518, 6.8029
Hunter-Lab	45.8761, -3.7545, 12.1013

Details

The CIELCh color **53, 14.667, 96.540** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **46, 14.997, 282.397**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 14.820, 97.959**, and **33, 14.629, 96.271** is the 20% darker color. If you saturate the color by 10%, you get **52, 20.845, 95.363**, and if you desaturate by 10%, it is **54, 8.507, 97.697**.

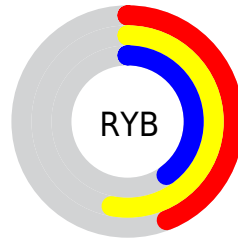
Distribution



Red (53%)

Green (50%)

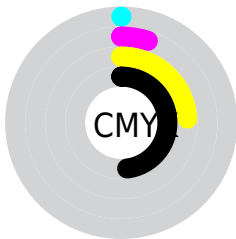
Blue (40%)



Red (44%)

Yellow (53%)

Blue (40%)

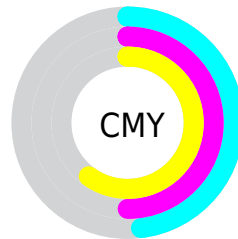


Cyan (0%)

Magenta (5%)

Yellow (24%)

Black (48%)



Cyan (48%)

Magenta (50%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 14.667, 96.540 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 53, 14.667, 96.540 by changing the saturation by 10% instead.

■ 53, 14.667, 96.540

■ 53, 14.667, 96.540

■ 100, 14.667,
96.540

■ 43, 14.667, 96.540

■ 73, 14.667, 96.540

■ 33, 14.667, 96.540

■ 83, 14.667, 96.540

■ 23, 14.667, 96.540

■ 93, 14.667, 96.540

■ 13, 14.667, 96.540

■ 3, 14.667, 96.540

■ 0, 14.667, 96.540

■ 53, 14.667, 96.540

■ 53, 14.667, 96.540

■ 52, 20.845, 95.363

■ 54, 8.507, 97.697

■ 51, 26.986, 94.155

■ 55, 2.390, 98.782

50, 32.997, 92.927

56, 3.668, 279.952

49, 38.720, 91.679

58, 9.659, 280.972

48, 43.898, 90.401

59, 15.582,
281.964

47, 48.148, 89.065

60, 21.438,
282.912

46, 51.034, 87.621

46, 52.565, 86.753

62, 27.228,
283.814

63, 32.953,
284.670

64, 38.617,
285.480

Harmonies

Complementary

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



53, 14.667, 96.540



46, 14.997, 282.397

Rectangle

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



53, 14.667, 96.540



53, 14.667, 146.540



53, 14.667, 276.540



53, 14.667, 326.540

Sweetspot

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



53, 14.668, 96.546



70, 5.265, 98.449



46, 14.105, 3.164



36, 3.408, 98.400



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 14.668, 96.546



67, 22.026, 95.875



54, 18.566, 119.133



27, 3.411, 98.235



44, 51.578, 86.801



1, 0.816, 99.263

Inverse Universe

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



46, 14.997, 282.397



56, 22.661, 283.320



45, 19.458, 302.144



26, 3.445, 280.348



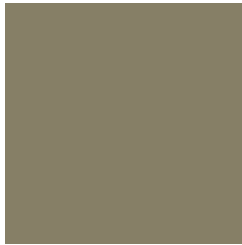
18, 67.691, 300.963



0, 0.816, 279.268

Previews

White Background



This preview shows how the CIELCh color 53, 14.667, 96.540 looks on a white background.

Color Contrast Check

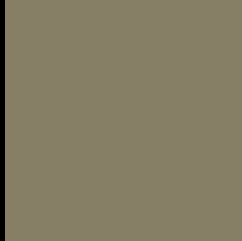
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 53, 14.667, 96.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

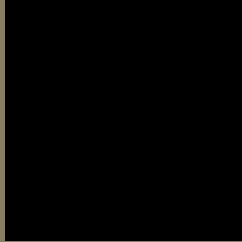
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 14.667, 96.540

Background



This preview shows how black text looks on a background with the CIELCh color 53, 14.667, 96.540.

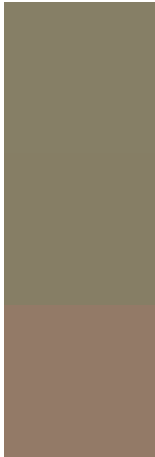


This preview shows how white text looks on a background with the CIELCh color 53, 14.667, 96.540.

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


53, 14.667, 96.540

Protanopia

53, 14.784, 94.878

Deuteranopia

53, 15.543, 64.482



Tritanopia
53, 8.330, 336.383

Trichromacy



Original Color
53, 14.667, 96.540

Protanomaly
53, 14.784, 94.878

Deuteranomaly
53, 14.942, 77.103

Tritanomaly
53, 5.201, 39.205

Monochromacy



Original Color
53, 14.667, 96.540

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 5.324, 96.156

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 14.667, 96.540 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(134, 127, 102)` looks like.

```
.text, #text, p{  
    color:rgb(134, 127, 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(134, 127, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 127, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 14.667, 96.540 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(134, 127, 102) }
```

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

```
.border{ border-color:rgb(134, 127, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 127, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 127, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 127, 102);  
box-shadow:4px 4px 4px 4px rgb(134, 127,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 14.667, 96.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 127, 102) }
```

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

```
.background{ background-color: rgb(134,  
127, 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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