

Converting Colors

CIELCh(53, 12.835, 44.834)

Have a look what the booklet for
CIELCh(53, 12.835, 44.834) contains.

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Color

CIELCh(53, 12.934, 46.726)

Conversions

Conversions Part 1

Format	Color
Hex	94796F
RGB	148, 121, 111
RGB Percent	58%, 47%, 44%
CMY	0.4204, 0.5263, 0.5655
CMYK	0.00, 0.18, 0.25, 0.42
HSL	16°, 15%, 51%
HSV	16°, 25%, 58%
XYZ	21.8466, 21.0462, 17.8932
YIQ	127.9330, 19.3020, 2.6140

Conversions

Conversions Part 2

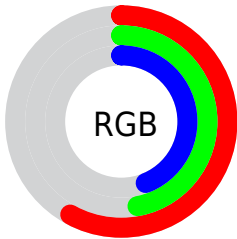
Format	Color
R_{YB}	148, 125, 111
Decimal	9730415
CIE Lab	53.00, 8.87, 9.42
CIE LCh	53, 12.934, 46.726
Yxy	21.0462, 0.3594, 0.3462
Android (android.graphics.Color)	4287920495 (0xFF94796F)
YUV	127.9330, -8.3480, 17.5988
Hunter-Lab	45.8761, 4.7200, 8.9882

Details

The CIELCh color $53, 12.934, 46.726$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $56, 11.120, 229.808$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 13.041, 44.619$, and $33, 13.283, 45.881$ is the 20% darker color. If you saturate the color by 10%, you get $50, 18.825, 46.442$, and if you desaturate by 10%, it is $56, 7.471, 47.112$.

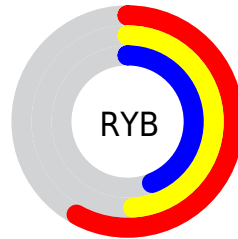
Distribution



Red (58%)

Green (47%)

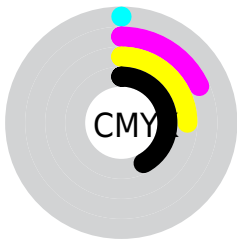
Blue (44%)



Red (58%)

Yellow (49%)

Blue (44%)

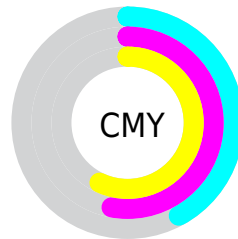


Cyan (0%)

Magenta (18%)

Yellow (25%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 12.934, 46.726 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, 12.934, 46.726 by changing the saturation by 10% instead.

■ 53, 12.934, 46.726

■ 53, 12.934, 46.726

■ 100, 12.934,
46.726

■ 43, 12.934, 46.726

■ 73, 12.934, 46.726

■ 33, 12.934, 46.726

■ 83, 12.934, 46.726

■ 23, 12.934, 46.726

■ 93, 12.934, 46.726

■ 13, 12.934, 46.726

■ 3, 12.934, 46.726

■ 0, 12.934, 46.726

■ 53, 12.934, 46.726

■ 53, 12.934, 46.726

■ 50, 18.825, 46.442

■ 56, 7.471, 47.112

■ 47, 25.165, 46.266

■ 60, 2.405, 47.470

44, 31.947, 46.229

63, 2.301, 228.353

41, 39.116, 46.333

66, 6.686, 228.801

39, 46.519, 46.533

70, 10.788,
229.368

36, 53.801, 46.673

73, 14.639,
229.959

34, 60.254, 46.420

34, 63.444, 46.570

77, 18.270,
230.560

80, 21.709,
231.159

83, 24.979,
231.752

Harmonies

Complementary

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



53, 12.934, 46.726



56, 11.120, 229.808

Rectangle

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



53, 12.934, 46.726



53, 12.934, 96.726



53, 12.934, 226.726



53, 12.934, 276.726

Sweetspot

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



53, 12.933, 46.735



74, 4.781, 47.382



51, 21.374, 334.633



39, 3.443, 47.330



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



53, 12.933, 46.735



65, 19.553, 46.559



58, 16.426, 95.418



30, 2.749, 47.344



31, 59.919, 46.599



1, 2.331, 47.895

Inverse Universe

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



56, 11.120, 229.808



69, 16.175, 230.409



50, 16.763, 281.700



30, 2.613, 228.547



40, 29.418, 249.110



2, 2.331, 227.914

Previews

White Background



This preview shows how the CIELCh color 53, 12.934, 46.726 looks on a white background.

Color Contrast Check

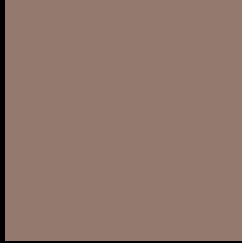
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 12.934, 46.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

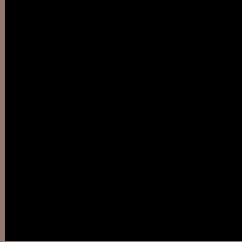
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 12.934, 46.726

Background



This preview shows how black text looks on a background with the CIELCh color 53, 12.934, 46.726.



This preview shows how white text looks on a background with the CIELCh color 53, 12.934, 46.726.

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, 12.934, 46.726

Protanopia

53, 7.341, 89.462

Deuteranopia

53, 11.706, 52.811



Tritanopia
53, 14.186, 357.209

Trichromacy



Original Color
53, 12.934, 46.726

Protanomaly
53, 8.657, 66.658

Deuteranomaly
53, 12.076, 51.724

Tritanomaly
53, 12.498, 12.929

Monochromacy



Original Color
53, 12.934, 46.726

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 4.418, 42.702

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 12.934, 46.726 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(148, 121, 111)` looks like.

```
.text, #text, p{  
    color:rgb(148, 121, 111)  
}
```

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(148, 121, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 121, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 12.934, 46.726 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(148, 121, 111) }
```

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

```
.border{ border-color:rgb(148, 121, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 121, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 121, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 121, 111);  
box-shadow:4px 4px 4px 4px rgb(148, 121,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 12.934, 46.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 121, 111) }
```

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

```
.background{ background-color: rgb(148,  
121, 111) }
```

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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