

Converting Colors

CIELCh(53, 16.957, 42.708)

Have a look what the booklet for
CIELCh(53, 16.957, 42.708) contains.

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Color

CIELCh(53, 16.936, 42.706)

Conversions

Conversions Part 1

Format	Color
Hex	9A766B
RGB	154, 118, 107
RGB Percent	60%, 46%, 42%
CMY	0.3943, 0.5355, 0.5787
CMYK	0.00, 0.23, 0.30, 0.39
HSL	14°, 19%, 51%
HSV	14°, 30%, 61%
XYZ	22.6215, 21.0462, 16.8982
YIQ	127.5100, 24.9870, 4.2110

Conversions

Conversions Part 2

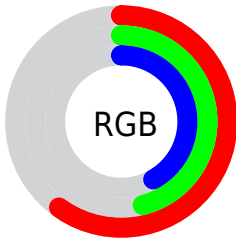
Format	Color
R_{YB}	154, 121, 107
Decimal	10122859
CIE _{Lab}	53.00, 12.45, 11.49
CIE _{LCh}	53, 16.936, 42.706
Yxy	21.0462, 0.3735, 0.3475
Android (android.graphics.Color)	4288312939 (0xFF9A766B)
YUV	127.5100, -10.1114, 23.2317
Hunter-Lab	45.8761, 7.7350, 10.2742

Details

The CIELCh color $53, 16.936, 42.706$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $57, 13.878, 225.432$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 16.969, 42.903$, and $33, 16.864, 43.093$ is the 20% darker color. If you saturate the color by 10%, you get $50, 23.422, 42.705$, and if you desaturate by 10%, it is $56, 10.925, 42.850$.

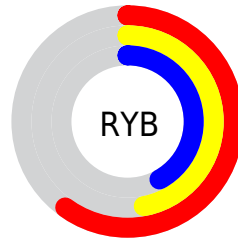
Distribution



Red (60%)

Green (46%)

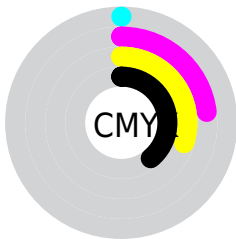
Blue (42%)



Red (60%)

Yellow (47%)

Blue (42%)

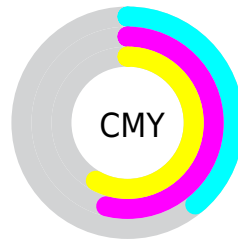


Cyan (0%)

Magenta (23%)

Yellow (30%)

Black (39%)



Cyan (39%)

Magenta (54%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 16.936, 42.706 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, 16.936, 42.706 by changing the saturation by 10% instead.

■ 53, 16.936, 42.706

■ 53, 16.936, 42.706

■ 100, 16.936,
42.706

■ 43, 16.936, 42.706

■ 73, 16.936, 42.706

■ 33, 16.936, 42.706

■ 83, 16.936, 42.706

■ 23, 16.936, 42.706

■ 93, 16.936, 42.706

■ 13, 16.936, 42.706

■ 3, 16.936, 42.706

■ 0, 16.936, 42.706

■ 53, 16.936, 42.706

■ 53, 16.936, 42.706

■ 50, 23.422, 42.705

■ 56, 10.925, 42.850

■ 46, 30.391, 42.857

■ 60, 5.366, 43.067

43, 37.804, 43.192

64, 0.221, 41.495

41, 45.552, 43.698

67, 4.551, 223.983

38, 53.369, 44.283

71, 8.990, 224.374

36, 60.664, 44.664

75, 13.136,
224.826

34, 66.831, 44.989

78, 17.024,
225.301

82, 20.685,
225.788

86, 24.149,
226.278

Harmonies

Complementary

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



53, 16.936, 42.706



57, 13.878, 225.432

Rectangle

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



53, 16.936, 42.706



53, 16.936, 92.706



53, 16.936, 222.706



53, 16.936, 272.706

Sweetspot

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



53, 16.935, 42.713



77, 5.708, 43.094



51, 27.580, 333.704



40, 4.020, 43.065



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



53, 16.935, 42.713



65, 26.310, 42.692



59, 20.127, 92.421



31, 2.865, 43.093



31, 61.824, 44.989



1, 3.003, 43.026

Inverse Universe

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



57, 13.878, 225.432



72, 20.388, 226.187



51, 20.453, 280.502



31, 2.715, 224.000



42, 28.720, 241.826



2, 2.984, 225.061

Previews

White Background



This preview shows how the CIELCh color 53, 16.936, 42.706 looks on a white background.

Color Contrast Check

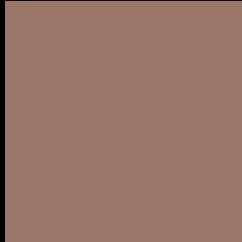
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.936, 42.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

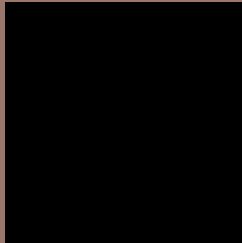
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 16.936, 42.706

Background



This preview shows how black text looks on a background with the CIELCh color 53, 16.936, 42.706.



This preview shows how white text looks on a background with the CIELCh color 53, 16.936, 42.706.

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, 16.936, 42.706

Protanopia

53, 9.119, 90.314

Deuteranopia

53, 13.547, 59.526



Tritanopia
53, 17.179, 4.040

Trichromacy



Original Color
53, 16.936, 42.706

Protanomaly
53, 10.742, 63.918

Deuteranomaly
53, 14.623, 53.618

Tritanomaly
53, 15.919, 17.137

Monochromacy



Original Color
53, 16.936, 42.706

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 5.805, 43.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 16.936, 42.706 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(154, 118, 107)` looks like.

```
.text, #text, p{  
    color:rgb(154, 118, 107)  
}
```

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(154, 118, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 118, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 16.936, 42.706 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(154, 118, 107) }
```

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

```
.border{ border-color:rgb(154, 118, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 118, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 118, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 118, 107);  
box-shadow:4px 4px 4px 4px rgb(154, 118,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 16.936, 42.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 118, 107) }
```

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

```
.background{ background-color: rgb(154,  
118, 107) }
```

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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