

Converting Colors

CIELCh(53, 19.667, 38.334)

Have a look what the booklet for
CIELCh(53, 19.667, 38.334) contains.

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Color

CIELCh(53, 19.706, 38.150)

Conversions

Conversions Part 1

Format	Color
Hex	9F746A
RGB	159, 116, 106
RGB Percent	62%, 45%, 42%
CMY	0.3748, 0.5435, 0.5828
CMYK	0.00, 0.27, 0.33, 0.37
HSL	11°, 22%, 52%
HSV	11°, 33%, 63%
XYZ	23.2964, 21.0462, 16.5766
YIQ	127.7170, 28.8380, 6.0060

Conversions

Conversions Part 2

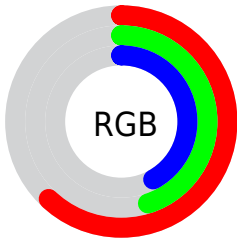
Format	Color
R_{YB}	159, 118, 106
Decimal	10450026
CIE _{Lab}	53.00, 15.50, 12.17
CIE _{LCh}	53, 19.706, 38.150
Yxy	21.0462, 0.3824, 0.3455
Android (android.graphics.Color)	4288640106 (0xFF9F746A)
YUV	127.7170, -10.7065, 27.4352
Hunter-Lab	45.8761, 10.3611, 10.6898

Details

The CIELCh color **53, 19.706, 38.150** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **59, 15.656, 219.566**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 19.899, 38.139**, and **33, 19.490, 38.709** is the 20% darker color. If you saturate the color by 10%, you get **49, 26.690, 38.487**, and if you desaturate by 10%, it is **57, 13.227, 37.998**.

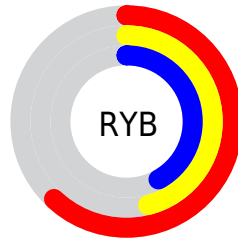
Distribution



Red (62%)

Green (45%)

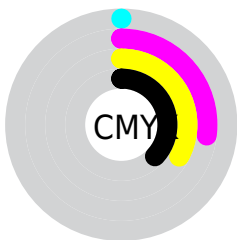
Blue (42%)



Red (62%)

Yellow (46%)

Blue (42%)

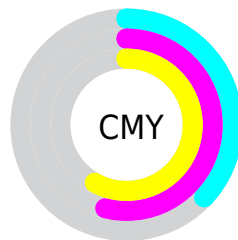


Cyan (0%)

Magenta (27%)

Yellow (33%)

Black (37%)



Cyan (37%)

Magenta (54%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 19.706, 38.150 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, 19.706, 38.150 by changing the saturation by 10% instead.

■ 53, 19.706, 38.150

■ 53, 19.706, 38.150

■ 100, 19.706,
38.150

■ 43, 19.706, 38.150

■ 73, 19.706, 38.150

■ 33, 19.706, 38.150

■ 83, 19.706, 38.150

■ 23, 19.706, 38.150

■ 93, 19.706, 38.150

■ 13, 19.706, 38.150

■ 3, 19.706, 38.150

■ 0, 19.706, 38.150

■ 53, 19.706, 38.150

■ 53, 19.706, 38.150

■ 49, 26.690, 38.487

■ 57, 13.227, 37.998

■ 46, 34.168, 39.032

■ 61, 7.241, 37.964

43, 42.073, 39.816

64, 1.712, 37.862

40, 50.240, 40.823

68, 3.399, 218.452

38, 58.312, 41.920

72, 8.137, 218.618

36, 65.498, 42.712

76, 12.544,
218.886

35, 69.851, 43.374

80, 16.660,
219.194

84, 20.520,
219.525

88, 24.157,
219.870

Harmonies

Complementary

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



53, 19.706, 38.150



59, 15.656, 219.566

Rectangle

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



53, 19.706, 38.150



53, 19.706, 88.150



53, 19.706, 218.150



53, 19.706, 268.150

Sweetspot

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



53, 19.705, 38.156



78, 6.655, 37.966



52, 31.965, 332.017



41, 4.601, 37.965



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



53, 19.705, 38.156



64, 30.160, 38.385



60, 21.625, 88.257



31, 3.015, 37.966



31, 63.910, 43.299



2, 3.837, 37.068

Inverse Universe

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



59, 15.656, 219.566



74, 22.536, 220.166



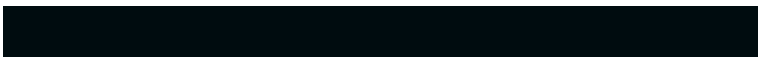
52, 21.620, 277.535



32, 2.849, 218.485



45, 28.363, 232.270



3, 3.753, 221.868

Previews

White Background



This preview shows how the CIELCh color 53, 19.706, 38.150 looks on a white background.

Color Contrast Check

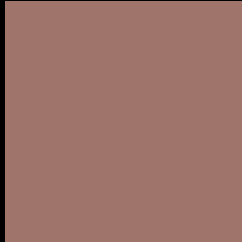
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.706, 38.150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

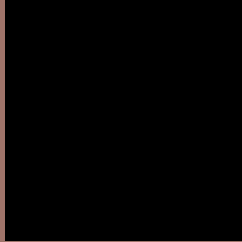
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 19.706, 38.150

Background



This preview shows how black text looks on a background with the CIELCh color 53, 19.706, 38.150.



This preview shows how white text looks on a background with the CIELCh color 53, 19.706, 38.150.

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, 19.706, 38.150

Protanopia

53, 9.119, 90.314

Deuteranopia

53, 14.695, 61.619



Tritanopia
53, 20.057, 7.038

Trichromacy



Original Color
53, 19.706, 38.150

Protanomaly
53, 11.794, 62.877

Deuteranomaly
53, 16.169, 50.272

Tritanomaly
53, 18.983, 18.204

Monochromacy



Original Color
53, 19.706, 38.150

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 6.593, 40.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 19.706, 38.150 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(159, 116, 106)` looks like.

```
.text, #text, p{  
    color:rgb(159, 116, 106)  
}
```

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(159, 116, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 116, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 19.706, 38.150 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(159, 116, 106) }
```

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

```
.border{ border-color:rgb(159, 116, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 116, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 116, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 116, 106);  
box-shadow:4px 4px 4px 4px rgb(159, 116,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 19.706, 38.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 116, 106) }
```

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

```
.background{ background-color: rgb(159,  
116, 106) }
```

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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