

Converting Colors

CIELCh(53, 18.162, 14.005)

Have a look what the booklet for
CIELCh(53, 18.162, 14.005) contains.

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Color

CIELCh(53, 18.551, 12.789)

Conversions

Conversions Part 1

Format	Color
Hex	9F7378
RGB	159, 115, 120
RGB Percent	62%, 45%, 47%
CMY	0.3758, 0.5484, 0.5288
CMYK	0.00, 0.28, 0.25, 0.38
HSL	353°, 19%, 54%
HSV	353°, 28%, 62%
XYZ	23.8806, 21.0462, 20.6237
YIQ	128.7260, 24.6190, 10.8830

Conversions

Conversions Part 2

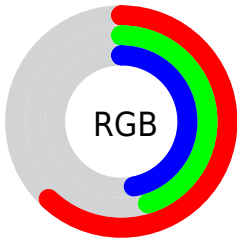
Format	Color
R _Y B	159, 115, 120
Decimal	10449784
CIE Lab	53.00, 18.09, 4.11
CIE LCh	53, 18.551, 12.789
Yxy	21.0462, 0.3643, 0.3211
Android (android.graphics.Color)	4288639864 (0xFF9F7378)
YUV	128.7260, -4.3019, 26.5503
Hunter-Lab	45.8761, 12.6342, 5.4594

Details

The CIELCh color **53, 18.551, 12.789** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 16.083, 187.900**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 18.456, 12.704**, and **33, 18.588, 11.240** is the 20% darker color. If you saturate the color by 10%, you get **49, 25.936, 14.248**, and if you desaturate by 10%, it is **57, 11.495, 11.607**.

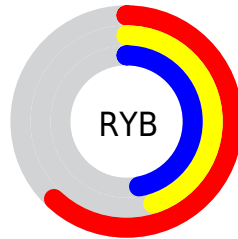
Distribution



Red (62%)

Green (45%)

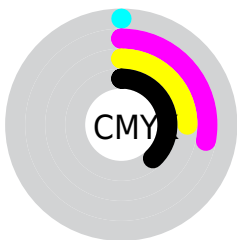
Blue (47%)



Red (62%)

Yellow (45%)

Blue (47%)

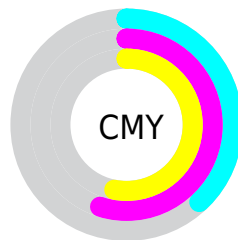


Cyan (0%)

Magenta (28%)

Yellow (25%)

Black (38%)



Cyan (38%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 18.551, 12.789 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, 18.551, 12.789 by changing the saturation by 10% instead.

■ 53, 18.551, 12.789

■ 53, 18.551, 12.789

■ 100, 18.551,
12.789

■ 43, 18.551, 12.789

■ 73, 18.551, 12.789

■ 33, 18.551, 12.789

■ 83, 18.551, 12.789

■ 23, 18.551, 12.789

■ 93, 18.551, 12.789

■ 13, 18.551, 12.789

■ 3, 18.551, 12.789

■ 0, 18.551, 12.789

■ 53, 18.551, 12.789

■ 53, 18.551, 12.789

■ 49, 25.936, 14.248

■ 57, 11.495, 11.607

■ 45, 33.541, 16.068

■ 62, 4.829, 10.590

41, 41.184, 18.369

67, 1.436, 190.192

38, 48.623, 21.278

71, 7.310, 189.258

36, 55.607, 24.894

76, 12.821,
188.644

34, 61.925, 29.178

81, 17.999,
188.122

33, 67.460, 33.672

33, 68.715, 34.566

86, 22.879,
187.666

90, 27.492,
187.262

94, 30.480,
189.834

Harmonies

Complementary

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



53, 18.551, 12.789



62, 16.083, 187.900

Rectangle

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



53, 18.551, 12.789



53, 18.551, 62.789



53, 18.551, 192.789



53, 18.551, 242.789

Sweetspot

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



53, 18.549, 12.794



78, 6.256, 10.641



54, 29.204, 322.526



41, 4.501, 10.783



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, 18.549, 12.794



65, 27.824, 13.625



57, 15.100, 59.282



31, 3.568, 10.749



29, 63.140, 34.093



1, 4.537, 10.523

Inverse Universe

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



53, 18.549, 12.794



65, 27.824, 13.625



58, 13.279, 245.372



31, 3.568, 10.749



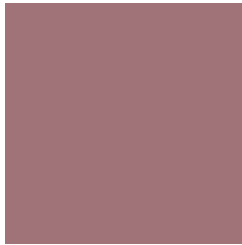
29, 63.140, 34.093



1, 4.537, 10.523

Previews

White Background



This preview shows how the CIELCh color 53, 18.551, 12.789 looks on a white background.

Color Contrast Check

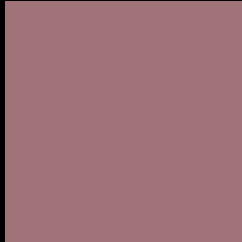
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.551, 12.789 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, 18.551, 12.789

Background



This preview shows how black text looks on a background with the CIELCh color 53, 18.551, 12.789.



This preview shows how white text looks on a background with the CIELCh color 53, 18.551, 12.789.

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, 18.551, 12.789

Protanopia

53, 1.199, 19.207

Deuteranopia

53, 8.470, 31.965



Tritanopia
53, 19.128, 7.928

Trichromacy



Original Color
53, 18.551, 12.789

Protanomaly
53, 7.424, 11.286

Deuteranomaly
53, 11.680, 23.482

Tritanomaly
53, 19.058, 9.623

Monochromacy



Original Color
53, 18.551, 12.789

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 6.587, 10.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 18.551, 12.789 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, 115, 120)` looks like.

```
.text, #text, p{  
    color:rgb(159, 115, 120)  
}
```

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, 115, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 115, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 18.551, 12.789 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, 115, 120) }
```

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

```
.border{ border-color:rgb(159, 115, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 115, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 115, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 115, 120);  
box-shadow:4px 4px 4px 4px rgb(159, 115,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 18.551, 12.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 115, 120) }
```

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

```
.background{ background-color: rgb(159,  
115, 120) }
```

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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