

Converting Colors

CIELCh(53, 18.231, 8.930)

Have a look what the booklet for
CIELCh(53, 18.231, 8.930) contains.

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Color

CIELCh(53, 18.232, 8.944)

Conversions

Conversions Part 1

Format	Color
Hex	9E737A
RGB	158, 115, 122
RGB Percent	62%, 45%, 48%
CMY	0.3791, 0.5478, 0.5204
CMYK	0.00, 0.27, 0.23, 0.38
HSL	350°, 18%, 54%
HSV	350°, 27%, 62%
XYZ	23.8623, 21.0462, 21.3164
YIQ	128.6550, 23.3810, 11.2930

Conversions

Conversions Part 2

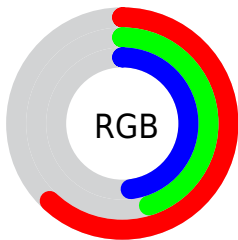
Format	Color
R_{YB}	158, 115, 122
Decimal	10384250
CIE _{Lab}	53.00, 18.01, 2.83
CIE _{LCh}	53, 18.232, 8.944
Yxy	21.0462, 0.3603, 0.3178
Android (android.graphics.Color)	4288574330 (0xFF9E737A)
YUV	128.6550, -3.2809, 25.7356
Hunter-Lab	45.8761, 12.5631, 4.5641

Details

The CIELCh color **53, 18.232, 8.944** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 16.128, 183.813**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 18.174, 9.106**, and **33, 18.630, 9.336** is the 20% darker color. If you saturate the color by 10%, you get **49, 25.510, 10.418**, and if you desaturate by 10%, it is **57, 11.224, 7.732**.

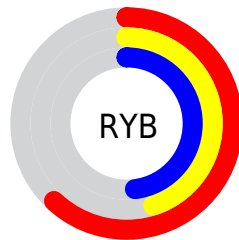
Distribution



Red (62%)

Green (45%)

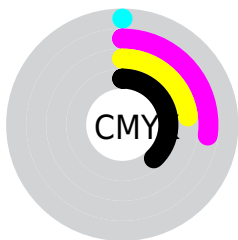
Blue (48%)



Red (62%)

Yellow (45%)

Blue (48%)

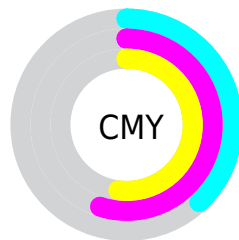


Cyan (0%)

Magenta (27%)

Yellow (23%)

Black (38%)



Cyan (38%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 18.232, 8.944 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, 18.232, 8.944 by changing the saturation by 10% instead.

■ 53, 18.232, 8.944 ■ 53, 18.232, 8.944

■ 100, 18.232, 8.944 ■ 43, 18.232, 8.944

■ 73, 18.232, 8.944 ■ 33, 18.232, 8.944

■ 83, 18.232, 8.944 ■ 23, 18.232, 8.944

■ 93, 18.232, 8.944 ■ 13, 18.232, 8.944

■ 3, 18.232, 8.944

■ 0, 18.232, 8.944

■ 53, 18.232, 8.944 ■ 53, 18.232, 8.944

■ 49, 25.510, 10.418 ■ 57, 11.224, 7.732

■ 45, 32.940, 12.234 ■ 62, 4.559, 6.671

41, 40.324, 14.511

67, 1.743, 186.166

38, 47.411, 17.385

71, 7.685, 185.236

36, 53.943, 20.984

76, 13.286,
184.570

34, 59.743, 25.350

81, 18.573,
183.993

33, 64.835, 30.202

33, 66.281, 31.448

85, 23.575,
183.481

90, 28.321,
183.022

94, 31.604,
184.758

Harmonies

Complementary

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



53, 18.232, 8.944



62, 16.128, 183.813

Rectangle

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



53, 18.232, 8.944



53, 18.232, 58.944



53, 18.232, 188.944



53, 18.232, 238.944

Sweetspot

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



53, 18.230, 8.948



78, 6.333, 6.775



53, 28.217, 321.004



41, 4.555, 6.924



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, 18.230, 8.948



65, 27.914, 9.865



57, 14.764, 53.675



31, 3.611, 6.888



29, 61.163, 30.938



1, 4.597, 6.796

Inverse Universe

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



53, 18.230, 8.948



65, 27.914, 9.865



58, 12.755, 238.625



31, 3.611, 6.888



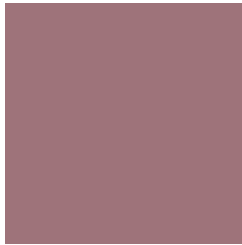
29, 61.163, 30.938



1, 4.597, 6.796

Previews

White Background



This preview shows how the CIELCh color 53, 18.232, 8.944 looks on a white background.

Color Contrast Check

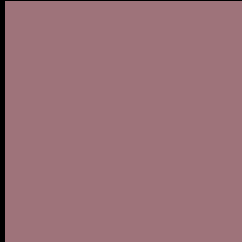
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.232, 8.944 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, 18.232, 8.944

Background



This preview shows how black text looks on a background with the CIELCh color 53, 18.232, 8.944.



This preview shows how white text looks on a background with the CIELCh color 53, 18.232, 8.944.

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, 18.232, 8.944

Protanopia

53, 1.675, 335.670

Deuteranopia

53, 7.497, 28.949



Tritanopia
53, 18.812, 5.842

Trichromacy



Original Color
53, 18.232, 8.944

Protanomaly
53, 7.652, 2.727

Deuteranomaly
53, 11.180, 17.709

Tritanomaly
53, 18.719, 7.558

Monochromacy



Original Color
53, 18.232, 8.944

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 6.697, 5.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 18.232, 8.944 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(158, 115, 122)` looks like.

```
.text, #text, p{  
    color:rgb(158, 115, 122)  
}
```

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(158, 115, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 115, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 18.232, 8.944 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(158, 115, 122) }
```

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

```
.border{ border-color:rgb(158, 115, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 115, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 115, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 115, 122);  
box-shadow:4px 4px 4px 4px rgb(158, 115,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 18.232, 8.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 115, 122) }
```

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

```
.background{ background-color: rgb(158,  
115, 122) }
```

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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