

Converting Colors

CIELCh(53, 16.820, 13.554)

Have a look what the booklet for
CIELCh(53, 16.820, 13.554) contains.

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Color

CIELCh(53, 16.808, 13.582)

Conversions

Conversions Part 1

Format	Color
Hex	9C7478
RGB	156, 116, 120
RGB Percent	61%, 45%, 47%
CMY	0.3867, 0.5437, 0.5280
CMYK	0.00, 0.26, 0.23, 0.39
HSL	354°, 17%, 53%
HSV	354°, 26%, 61%
XYZ	23.4848, 21.0462, 20.7096
YIQ	128.4160, 22.5560, 9.7240

Conversions

Conversions Part 2

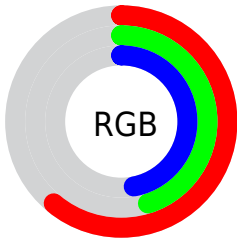
Format	Color
R _{YB}	156, 116, 120
Decimal	10253432
CIE Lab	53.00, 16.34, 3.95
CIE LCh	53, 16.808, 13.582
Yxy	21.0462, 0.3600, 0.3226
Android (android.graphics.Color)	4288443512 (0xFF9C7478)
YUV	128.4160, -4.1491, 24.1912
Hunter-Lab	45.8761, 11.0941, 5.3483

Details

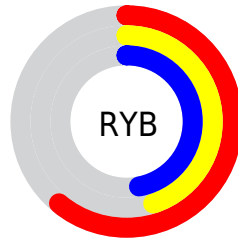
The CIELCh color **53, 16.808, 13.582** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 14.678, 189.247**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 16.826, 13.562**, and **33, 16.634, 13.747** is the 20% darker color. If you saturate the color by 10%, you get **49, 24.045, 14.962**, and if you desaturate by 10%, it is **57, 9.927, 12.464**.

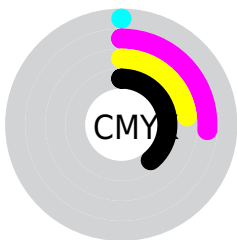
Distribution



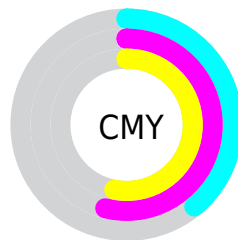
- Red (61%)
- Green (45%)
- Blue (47%)



- Red (61%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (26%)
- Yellow (23%)
- Black (39%)



- Cyan (39%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 16.808, 13.582 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, 16.808, 13.582 by changing the saturation by 10% instead.

■ 53, 16.808, 13.582

■ 53, 16.808, 13.582

■ 100, 16.808,
13.582

■ 43, 16.808, 13.582

■ 73, 16.808, 13.582

■ 33, 16.808, 13.582

■ 83, 16.808, 13.582

■ 23, 16.808, 13.582

■ 93, 16.808, 13.582

■ 13, 16.808, 13.582

■ 3, 16.808, 13.582

■ 0, 16.808, 13.582

■ 53, 16.808, 13.582

■ 53, 16.808, 13.582

■ 49, 24.045, 14.962

■ 57, 9.927, 12.464

■ 45, 31.549, 16.681

■ 62, 3.447, 11.473

41, 39.158, 18.856

67, 2.628, 191.016

38, 46.650, 21.612

71, 8.316, 190.260

35, 53.773, 25.049

76, 13.647,
189.689

34, 60.299, 29.154

81, 18.653,
189.202

33, 66.006, 33.592

32, 68.354, 35.251

85, 23.369,
188.778

90, 27.828,
188.402

94, 31.210,
189.877

Harmonies

Complementary

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



53, 16.808, 13.582



62, 14.678, 189.247

Rectangle

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



53, 16.808, 13.582



53, 16.808, 63.582



53, 16.808, 193.582



53, 16.808, 243.582

Sweetspot

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



53, 16.806, 13.587



77, 6.176, 11.731



54, 26.755, 322.921



40, 4.399, 11.869



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, 16.806, 13.587



65, 25.726, 14.378



57, 13.711, 61.354



31, 3.560, 11.838



29, 63.683, 34.869



1, 4.523, 11.576

Inverse Universe

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



53, 16.806, 13.587



65, 25.726, 14.378



57, 12.273, 247.192



31, 3.560, 11.838



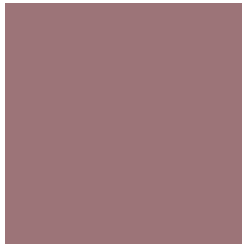
29, 63.683, 34.869



1, 4.523, 11.576

Previews

White Background



This preview shows how the CIELCh color 53, 16.808, 13.582 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, 16.808, 13.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

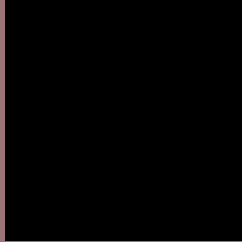
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 16.808, 13.582

Background



This preview shows how black text looks on a background with the CIELCh color 53, 16.808, 13.582.



This preview shows how white text looks on a background with the CIELCh color 53, 16.808, 13.582.

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, 16.808, 13.582

Protanopia

53, 1.199, 19.207

Deuteranopia

53, 8.470, 31.965



Tritanopia
53, 17.579, 4.511

Trichromacy



Original Color
53, 16.808, 13.582

Protanomaly
53, 7.015, 10.706

Deuteranomaly
53, 11.254, 23.541

Tritanomaly
53, 17.381, 8.191

Monochromacy



Original Color
53, 16.808, 13.582

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 6.183, 9.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 16.808, 13.582 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(156, 116, 120)` looks like.

```
.text, #text, p{  
    color:rgb(156, 116, 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(156, 116, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 116, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 16.808, 13.582 is called "border". The border property can be set on classes, ids or directly on the HTML element.

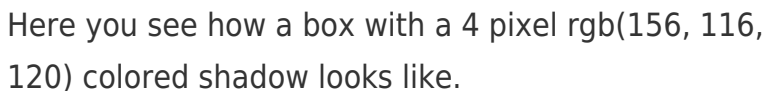
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 116, 120) }
```

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

```
.border{ border-color:rgb(156, 116, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 116, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 116, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 116, 120); box-shadow:4px 4px 4px 4px rgb(156, 116, 120) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 16.808, 13.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 116, 120) }
```

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

```
.background{ background-color: rgb(156,  
116, 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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