

Converting Colors

CIELCh(53, 17.324, 1.305)

Have a look what the booklet for
CIELCh(53, 17.324, 1.305) contains.

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Color

CIELCh(53, 17.313, 2.199)

Conversions

Conversions Part 1

Format	Color
Hex	9C747E
RGB	156, 116, 126
RGB Percent	61%, 45%, 49%
CMY	0.3884, 0.5453, 0.5061
CMYK	0.00, 0.26, 0.19, 0.39
HSL	345°, 17%, 53%
HSV	345°, 26%, 61%
XYZ	23.7016, 21.0462, 22.5340
YIQ	129.1000, 20.6300, 11.5900

Conversions

Conversions Part 2

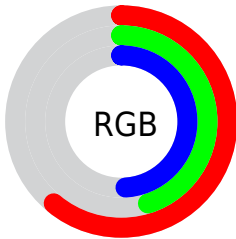
Format	Color
RYB	156, 116, 126
Decimal	10253438
CIELab	53.00, 17.30, 0.66
CIELCh	53, 17.313, 2.199
Yxy	21.0462, 0.3523, 0.3128
Android (android.graphics.Color)	4288443518 (0xFF9C747E)
YUV	129.1000, -1.5283, 23.5913
Hunter-Lab	45.8761, 11.9375, 2.9905

Details

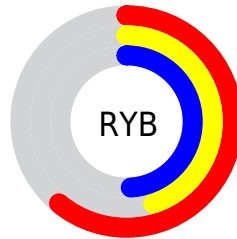
The CIELCh color **53, 17.313, 2.199** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **61, 15.859, 177.142**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 17.468, 1.177**, and **33, 17.581, 1.906** is the 20% darker color. If you saturate the color by 10%, you get **49, 24.465, 3.615**, and if you desaturate by 10%, it is **57, 10.347, 1.005**.

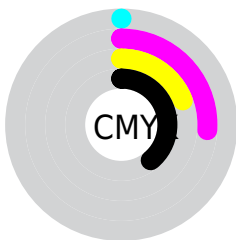
Distribution



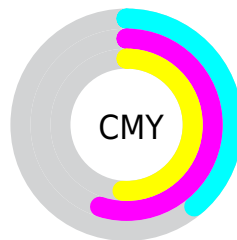
- Red (61%)
- Green (45%)
- Blue (49%)



- Red (61%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (26%)
- Yellow (19%)
- Black (39%)



- Cyan (39%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 17.313, 2.199 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, 17.313, 2.199 by changing the saturation by 10% instead.

 53, 17.313, 2.199

 53, 17.313, 2.199

 100, 17.313, 2.199

 43, 17.313, 2.199

 73, 17.313, 2.199

 33, 17.313, 2.199

 83, 17.313, 2.199

 23, 17.313, 2.199

 93, 17.313, 2.199

 13, 17.313, 2.199

 3, 17.313, 2.199

 0, 17.313, 2.199

 53, 17.313, 2.199

 53, 17.313, 2.199

 49, 24.465, 3.615

 57, 10.347, 1.005

 45, 31.668, 5.325

 62, 3.651, 359.922

41, 38.711, 7.435

66, 2.741, 179.306

38, 45.320, 10.080

71, 8.821, 178.429

36, 51.206, 13.414

76, 14.599,
177.721

34, 56.169, 17.570

80, 20.094,
177.094

33, 60.248, 22.531

32, 62.035, 24.661

85, 25.328,
176.528

89, 30.325,
176.013

94, 34.471,
176.330

Harmonies

Complementary

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



53, 17.313, 2.199



61, 15.859, 177.142

Rectangle

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



53, 17.313, 2.199



53, 17.313, 52.199



53, 17.313, 182.199



53, 17.313, 232.199

Sweetspot

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



53, 17.311, 2.203



78, 6.475, 0.197



53, 25.767, 318.375



40, 4.606, 0.349



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, 17.311, 2.203



65, 26.318, 3.015



55, 13.998, 44.480



31, 3.728, 0.314



29, 57.983, 24.183



1, 4.751, 0.464

Inverse Universe

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



53, 17.311, 2.203



65, 26.318, 3.015



59, 11.918, 227.138



31, 3.728, 0.314



29, 57.983, 24.183



1, 4.751, 0.464

Previews

White Background



This preview shows how the CIELCh color 53, 17.313, 2.199 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, 17.313, 2.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

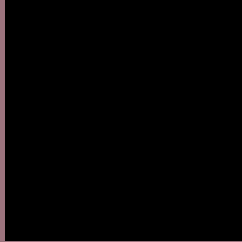
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 17.313, 2.199

Background



This preview shows how black text looks on a background with the CIELCh color 53, 17.313, 2.199.



This preview shows how white text looks on a background with the CIELCh color 53, 17.313, 2.199.

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, 17.313, 2.199

Protanopia

53, 3.573, 303.273

Deuteranopia

53, 7.004, 10.698



Tritanopia
53, 17.179, 4.040

Trichromacy



Original Color
53, 17.313, 2.199

Protanomaly
53, 7.911, 344.558

Deuteranomaly
53, 10.995, 5.525

Tritanomaly
53, 17.179, 4.040

Monochromacy



Original Color
53, 17.313, 2.199

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 6.471, 359.259

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 17.313, 2.199 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(156, 116, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 116, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 17.313, 2.199 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, 126) }
```

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

```
.border{ border-color:rgb(156, 116, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 116, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 116, 126);  
box-shadow:4px 4px 4px 4px rgb(156, 116,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 17.313, 2.199 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, 126) }
```

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

```
.background{ background-color: rgb(156,  
116, 126) }
```

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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