

Converting Colors

CIELCh(53, 17.925, 12.775)

Have a look what the booklet for
CIELCh(53, 17.925, 12.775) contains.

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Color

CIELCh(53, 17.655, 14.073)

Conversions

Conversions Part 1

Format	Color
Hex	9E7478
RGB	158, 116, 120
RGB Percent	62%, 45%, 47%
CMY	0.3812, 0.5458, 0.5302
CMYK	0.00, 0.27, 0.24, 0.38
HSL	354°, 18%, 54%
HSV	354°, 27%, 62%
XYZ	23.6620, 21.0462, 20.5234
YIQ	129.0140, 23.7480, 10.1480

Conversions

Conversions Part 2

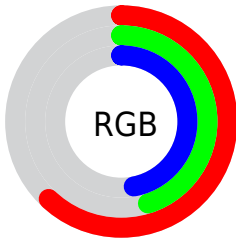
Format	Color
R_{YB}	158, 116, 120
Decimal	10384504
CIE _{Lab}	53.00, 17.13, 4.29
CIE _{LCh}	53, 17.655, 14.073
Yxy	21.0462, 0.3627, 0.3226
Android (android.graphics.Color)	4288574584 (0xFF9E7478)
YUV	129.0140, -4.4439, 25.4207
Hunter-Lab	45.8761, 11.7836, 5.5890

Details

The CIELCh color **53, 17.655, 14.073** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 15.300, 189.570**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 17.615, 13.973**, and **33, 18.066, 12.763** is the 20% darker color. If you saturate the color by 10%, you get **49, 24.987, 15.479**, and if you desaturate by 10%, it is **57, 10.681, 12.938**.

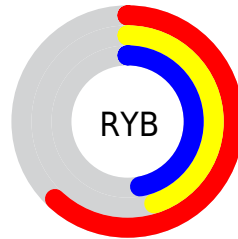
Distribution



Red (62%)

Green (45%)

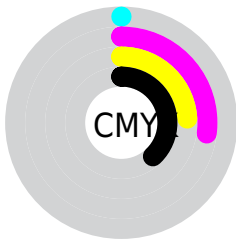
Blue (47%)



Red (62%)

Yellow (45%)

Blue (47%)

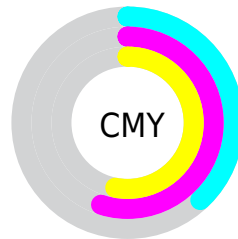


Cyan (0%)

Magenta (27%)

Yellow (24%)

Black (38%)



Cyan (38%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 17.655, 14.073 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, 17.655, 14.073 by changing the saturation by 10% instead.

■ 53, 17.655, 14.073

■ 53, 17.655, 14.073

■ 100, 17.655,
14.073

■ 43, 17.655, 14.073

■ 73, 17.655, 14.073

■ 33, 17.655, 14.073

■ 83, 17.655, 14.073

■ 23, 17.655, 14.073

■ 93, 17.655, 14.073

■ 13, 17.655, 14.073

■ 3, 17.655, 14.073

■ 0, 17.655, 14.073

■ 53, 17.655, 14.073

■ 53, 17.655, 14.073

■ 49, 24.987, 15.479

■ 57, 10.681, 12.938

■ 45, 32.581, 17.238

■ 62, 4.114, 11.953

41, 40.269, 19.466

67, 2.041, 191.519

38, 47.822, 22.288

71, 7.801, 190.713

36, 54.987, 25.796

76, 13.195,
190.138

34, 61.530, 29.946

81, 18.257,
189.651

33, 67.222, 34.310

32, 69.028, 35.533

85, 23.023,
189.228

90, 27.524,
188.854

94, 30.675,
190.999

Harmonies

Complementary

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



53, 17.655, 14.073



62, 15.300, 189.570

Rectangle

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



53, 17.655, 14.073



53, 17.655, 64.073



53, 17.655, 194.073



53, 17.655, 244.073

Sweetspot

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



53, 17.653, 14.078



77, 6.171, 12.105



54, 28.025, 322.970



40, 4.396, 12.242



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, 17.653, 14.078



64, 26.632, 14.881



57, 14.407, 61.256



31, 3.557, 12.210



29, 63.862, 35.120



1, 4.519, 11.936

Inverse Universe

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



53, 17.653, 14.078



64, 26.632, 14.881



57, 12.832, 247.360



31, 3.557, 12.210



29, 63.862, 35.120



1, 4.519, 11.936

Previews

White Background



This preview shows how the CIELCh color 53, 17.655, 14.073 looks on a white background.

Color Contrast Check

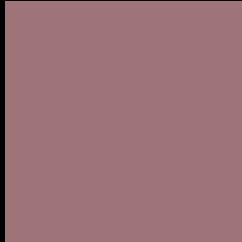
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.655, 14.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

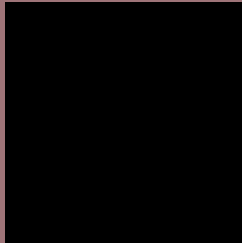
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 17.655, 14.073

Background



This preview shows how black text looks on a background with the CIELCh color 53, 17.655, 14.073.



This preview shows how white text looks on a background with the CIELCh color 53, 17.655, 14.073.

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, 17.655, 14.073

Protanopia

53, 1.199, 19.207

Deuteranopia

53, 8.470, 31.965



Tritanopia
53, 18.408, 5.422

Trichromacy



Original Color
53, 17.655, 14.073

Protanomaly
53, 7.015, 10.706

Deuteranomaly
53, 11.680, 23.482

Tritanomaly
53, 18.232, 8.944

Monochromacy



Original Color
53, 17.655, 14.073

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, 17.655, 14.073 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, 116, 120)` looks like.

```
.text, #text, p{  
    color:rgb(158, 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(158, 116, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 116, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 17.655, 14.073 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, 116, 120) }
```

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

```
.border{ border-color:rgb(158, 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(158, 116, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 116, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 116, 120);  
box-shadow:4px 4px 4px 4px rgb(158, 116,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 17.655, 14.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 116, 120) }
```

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

```
.background{ background-color: rgb(158,  
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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