

Converting Colors

CIELCh(53, 18.212, 57.832)

Have a look what the booklet for
CIELCh(53, 18.212, 57.832) contains.

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Color

CIELCh(53, 17.987, 57.593)

Conversions

Conversions Part 1

Format	Color
Hex	987865
RGB	152, 120, 101
RGB Percent	60%, 47%, 40%
CMY	0.4039, 0.5294, 0.6039
CMYK	0.00, 0.21, 0.34, 0.40
HSL	22°, 20%, 50%
HSV	22°, 34%, 60%
XYZ	22.0126, 21.0462, 15.2128
YIQ	127.4020, 25.1710, 0.8750

Conversions

Conversions Part 2

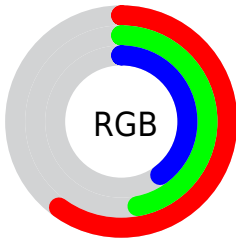
Format	Color
R_{YB}	152, 131, 101
Decimal	9992293
CIE _{Lab}	53.00, 9.64, 15.19
CIE _{LCh}	53, 17.987, 57.593
Yxy	21.0462, 0.3778, 0.3612
Android (android.graphics.Color)	4288182373 (0xFF987865)
YUV	127.4020, -13.0162, 21.5724
Hunter-Lab	45.8761, 5.3658, 12.4524

Details

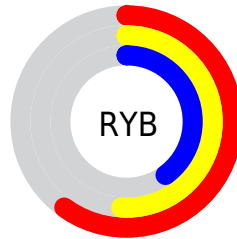
The CIELCh color **53, 17.987, 57.593** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **54, 15.248, 244.934**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 17.925, 57.106**, and **33, 18.107, 58.751** is the 20% darker color. If you saturate the color by 10%, you get **50, 24.152, 56.824**, and if you desaturate by 10%, it is **56, 12.208, 58.425**.

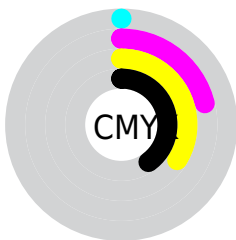
Distribution



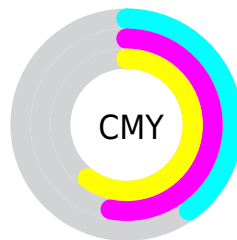
- Red (60%)
- Green (47%)
- Blue (40%)



- Red (60%)
- Yellow (51%)
- Blue (40%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)
- Black (40%)



- Cyan (40%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 17.987, 57.593 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, 17.987, 57.593 by changing the saturation by 10% instead.

■ 53, 17.987, 57.593

■ 53, 17.987, 57.593

■ 100, 17.987,
57.593

■ 43, 17.987, 57.593

■ 73, 17.987, 57.593

■ 33, 17.987, 57.593

■ 83, 17.987, 57.593

■ 23, 17.987, 57.593

■ 93, 17.987, 57.593

■ 13, 17.987, 57.593

■ 3, 17.987, 57.593

■ 0, 17.987, 57.593

■ 53, 17.987, 57.593

■ 53, 17.987, 57.593

■ 50, 24.152, 56.824

■ 56, 12.208, 58.425

■ 48, 30.700, 56.105

■ 59, 6.796, 59.276

45, 37.578, 55.433

62, 1.723, 60.015

43, 44.643, 54.756

65, 3.045, 241.273

40, 51.558, 53.933

68, 7.542, 242.117

38, 57.648, 52.655

71, 11.799,
243.008

37, 61.431, 51.977

74, 15.845,
243.894

77, 19.705,
244.764

80, 23.403,
245.611

Harmonies

Complementary

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



53, 17.987, 57.593



54, 15.248, 244.934

Rectangle

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



53, 17.987, 57.593



53, 17.987, 107.593



53, 17.987, 237.593



53, 17.987, 287.593

Sweetspot

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



53, 17.987, 57.600



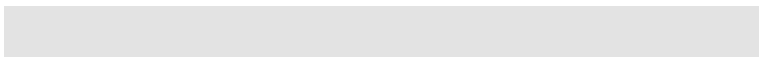
76, 6.111, 59.558



49, 27.372, 339.724



40, 4.220, 59.450



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53, 17.987, 57.600



65, 27.074, 57.034



60, 24.819, 100.530



31, 2.809, 59.637



34, 57.784, 52.246



2, 2.957, 59.782

Inverse Universe

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



54, 15.248, 244.934



66, 22.018, 246.320



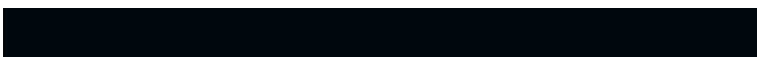
47, 26.246, 288.647



31, 2.702, 241.563



36, 35.197, 267.137



2, 2.969, 241.856

Previews

White Background



This preview shows how the CIELCh color 53, 17.987, 57.593 looks on a white background.

Color Contrast Check

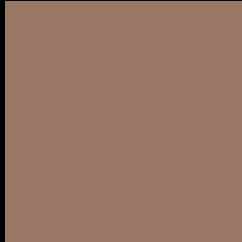
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 53, 17.987, 57.593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

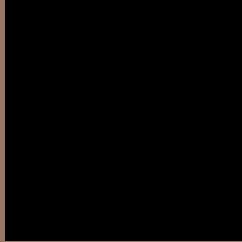
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 17.987, 57.593

Background



This preview shows how black text looks on a background with the CIELCh color 53, 17.987, 57.593.



This preview shows how white text looks on a background with the CIELCh color 53, 17.987, 57.593.

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, 17.987, 57.593

Protanopia

53, 13.112, 93.457

Deuteranopia

53, 16.737, 65.921



Tritanopia
53, 16.360, 3.018

Trichromacy



Original Color
53, 17.987, 57.593

Protanomaly
53, 14.205, 77.520

Deuteranomaly
53, 16.977, 62.580

Tritanomaly
53, 15.161, 23.257

Monochromacy



Original Color
53, 17.987, 57.593

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 6.039, 54.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 17.987, 57.593 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(152, 120, 101)` looks like.

```
.text, #text, p{  
    color:rgb(152, 120, 101)  
}
```

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(152, 120, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 120, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 17.987, 57.593 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(152, 120, 101) }
```

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

```
.border{ border-color:rgb(152, 120, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 120, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 120, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 120, 101);  
box-shadow:4px 4px 4px 4px rgb(152, 120,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 17.987, 57.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 120, 101) }
```

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

```
.background{ background-color: rgb(152,  
120, 101) }
```

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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