

Converting Colors

CIELCh(53, 17.652, 60.658)

Have a look what the booklet for
CIELCh(53, 17.652, 60.658) contains.

CIELCh(53, 17.652, 60.658)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(53, 17.652, 60.658)

Conversions

Conversions Part 1

Format	Color
Hex	977965
RGB	151, 121, 101
RGB Percent	59%, 47%, 40%
CMY	0.4095, 0.5271, 0.6055
CMYK	0.00, 0.20, 0.33, 0.41
HSL	24°, 20%, 49%
HSV	24°, 33%, 59%
XYZ	21.8004, 21.0462, 15.1242
YIQ	127.6900, 24.3000, 0.1400

Conversions

Conversions Part 2

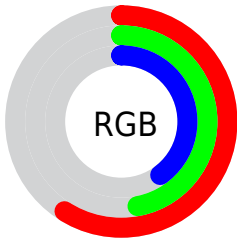
Format	Color
R_{YB}	151, 134, 101
Decimal	9927013
CIE _{Lab}	53.00, 8.65, 15.39
CIE _{LCh}	53, 17.652, 60.658
Yxy	21.0462, 0.3761, 0.3630
Android (android.graphics.Color)	4288117093 (0xFF977965)
YUV	127.6900, -13.1582, 20.4429
Hunter-Lab	45.8761, 4.5401, 12.5668

Details

The CIELCh color **53, 17.652, 60.658** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **53, 15.225, 248.504**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 17.618, 59.992**, and **33, 17.713, 59.717** is the 20% darker color. If you saturate the color by 10%, you get **50, 23.713, 59.760**, and if you desaturate by 10%, it is **56, 11.948, 61.603**.

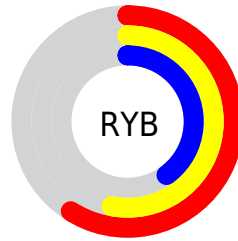
Distribution



Red (59%)

Green (47%)

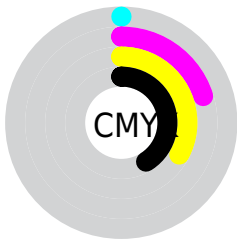
Blue (40%)



Red (59%)

Yellow (53%)

Blue (40%)

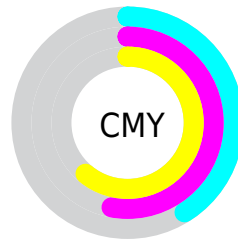


Cyan (0%)

Magenta (20%)

Yellow (33%)

Black (41%)



Cyan (41%)

Magenta (53%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 17.652, 60.658 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, 17.652, 60.658 by changing the saturation by 10% instead.

■ 53, 17.652, 60.658

■ 53, 17.652, 60.658

■ 100, 17.652,
60.658

■ 43, 17.652, 60.658

■ 73, 17.652, 60.658

■ 33, 17.652, 60.658

■ 83, 17.652, 60.658

■ 23, 17.652, 60.658

■ 93, 17.652, 60.658

■ 13, 17.652, 60.658

■ 3, 17.652, 60.658

■ 0, 17.652, 60.658

■ 53, 17.652, 60.658

■ 53, 17.652, 60.658

■ 50, 23.713, 59.760

■ 56, 11.948, 61.603

■ 48, 30.127, 58.893

■ 59, 6.587, 62.553

45, 36.841, 58.053

61, 1.540, 63.363

43, 43.709, 57.187

64, 3.222, 244.700

41, 50.405, 56.162

67, 7.731, 245.620

39, 56.283, 54.685

70, 12.016,
246.572

37, 60.102, 53.779

73, 16.104,
247.513

76, 20.018,
248.430

79, 23.780,
249.318

Harmonies

Complementary

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



53, 17.652, 60.658



53, 15.225, 248.504

Rectangle

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



53, 17.652, 60.658



53, 17.652, 110.658



53, 17.652, 240.658



53, 17.652, 290.658

Sweetspot

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



53, 17.652, 60.665



76, 6.147, 62.830



49, 26.284, 341.324



40, 4.244, 62.711



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, 17.652, 60.665



65, 27.069, 59.971



60, 25.142, 102.362



31, 2.827, 62.918



35, 56.956, 54.030



2, 2.978, 63.092

Inverse Universe

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



53, 15.225, 248.504



66, 22.442, 250.033



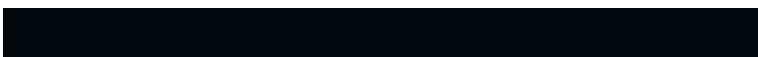
46, 26.755, 290.149



31, 2.729, 244.988



35, 37.112, 271.135



2, 2.996, 245.132

Previews

White Background



This preview shows how the CIELCh color 53, 17.652, 60.658 looks on a white background.

Color Contrast Check

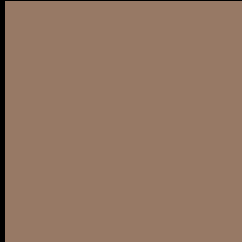
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.652, 60.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

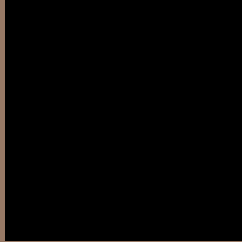
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 17.652, 60.658

Background



This preview shows how black text looks on a background with the CIELCh color 53, 17.652, 60.658.



This preview shows how white text looks on a background with the CIELCh color 53, 17.652, 60.658.

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, 17.652, 60.658

Protanopia

53, 13.669, 93.976

Deuteranopia

53, 17.185, 67.090



Tritanopia
53, 15.572, 1.926

Trichromacy



Original Color
53, 17.652, 60.658

Protanomaly
53, 14.489, 80.033

Deuteranomaly
53, 17.405, 63.816

Tritanomaly
53, 14.298, 23.289

Monochromacy



Original Color
53, 17.652, 60.658

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 6.476, 64.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 17.652, 60.658 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(151, 121, 101)` looks like.

```
.text, #text, p{  
    color:rgb(151, 121, 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(151, 121, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 121, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 17.652, 60.658 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(151, 121, 101) }
```

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

```
.border{ border-color:rgb(151, 121, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 121, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 121, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 121, 101);  
box-shadow:4px 4px 4px 4px rgb(151, 121,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 17.652, 60.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 121, 101) }
```

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

```
.background{ background-color: rgb(151,  
121, 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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