

Converting Colors

CIELCh(53, 23.569, 72.737)

Have a look what the booklet for
CIELCh(53, 23.569, 72.737) contains.

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Color

CIELCh(53, 23.569, 72.737)

Conversions

Conversions Part 1

Format	Color
Hex	977958
RGB	151, 121, 88
RGB Percent	59%, 47%, 35%
CMY	0.4068, 0.5245, 0.6540
CMYK	0.00, 0.20, 0.42, 0.41
HSL	31°, 26%, 47%
HSV	31°, 42%, 59%
XYZ	21.4485, 21.0462, 12.2148
YIQ	126.2080, 28.4730, -3.9030

Conversions

Conversions Part 2

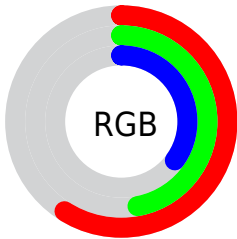
Format	Color
R_{YB}	145, 151, 88
Decimal	9927000
CIE _{Lab}	53.00, 6.99, 22.51
CIE _{LCh}	53, 23.569, 72.737
Yxy	21.0462, 0.3920, 0.3847
Android (android.graphics.Color)	4288117080 (0xFF977958)
YUV	126.2080, -18.8365, 21.7426
Hunter-Lab	45.8761, 3.1711, 16.3269

Details

The CIELCh color **53, 23.569, 72.737** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **49, 21.356, 265.065**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 23.516, 72.830**, and **33, 23.454, 73.911** is the 20% darker color. If you saturate the color by 10%, you get **51, 29.804, 71.444**, and if you desaturate by 10%, it is **55, 17.543, 74.019**.

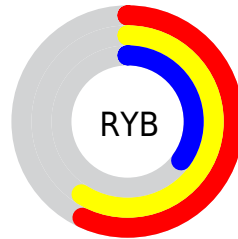
Distribution



Red (59%)

Green (47%)

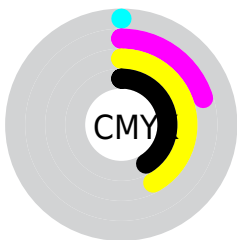
Blue (35%)



Red (57%)

Yellow (59%)

Blue (35%)

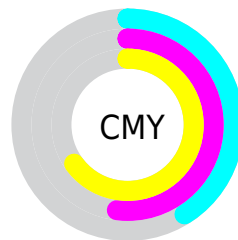


Cyan (0%)

Magenta (20%)

Yellow (42%)

Black (41%)



Cyan (41%)

Magenta (52%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 23.569, 72.737 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, 23.569, 72.737 by changing the saturation by 10% instead.

■ 53, 23.569, 72.737

■ 53, 23.569, 72.737

■ 100, 23.569,
72.737

■ 43, 23.569, 72.737

■ 73, 23.569, 72.737

■ 33, 23.569, 72.737

■ 83, 23.569, 72.737

■ 23, 23.569, 72.737

■ 93, 23.569, 72.737

■ 13, 23.569, 72.737

■ 3, 23.569, 72.737

■ 0, 23.569, 72.737

■ 53, 23.569, 72.737

■ 53, 23.569, 72.737

■ 51, 29.804, 71.444

■ 55, 17.543, 74.019

■ 49, 36.172, 70.107

■ 57, 11.752, 75.274

47, 42.505, 68.684

60, 6.196, 76.494

45, 48.465, 67.066

62, 0.863, 77.425

43, 53.466, 65.040

65, 4.266, 259.003

42, 57.058, 63.217

67, 9.209, 260.112

69, 13.986,
261.204

72, 18.616,
262.258

74, 23.115,
263.268

Harmonies

Complementary

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



53, 23.569, 72.737



49, 21.356, 265.065

Rectangle

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



53, 23.569, 72.737



53, 23.569, 122.737



53, 23.569, 252.737



53, 23.569, 302.737

Sweetspot

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



53, 23.569, 72.743



76, 8.569, 76.303



46, 30.802, 348.715



39, 6.070, 76.054



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, 23.569, 72.743



65, 35.632, 71.533



61, 34.524, 107.040



31, 3.014, 76.780



39, 53.940, 63.485



2, 3.188, 77.024

Inverse Universe

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



49, 21.356, 265.065



59, 31.541, 267.437



40, 38.371, 296.150



31, 2.962, 259.195



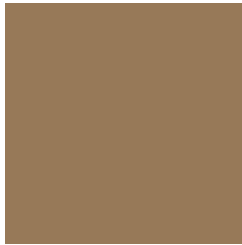
29, 47.440, 285.258



1, 3.232, 258.788

Previews

White Background



This preview shows how the CIELCh color 53, 23.569, 72.737 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, 23.569, 72.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

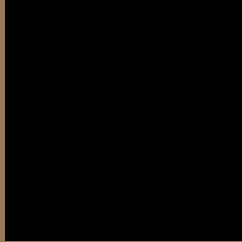
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 23.569, 72.737

Background



This preview shows how black text looks on a background with the CIELCh color 53, 23.569, 72.737.



This preview shows how white text looks on a background with the CIELCh color 53, 23.569, 72.737.

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, 23.569, 72.737

Protanopia

53, 21.077, 95.474

Deuteranopia

53, 23.569, 72.737



Tritanopia
53, 16.781, 3.548

Trichromacy



Original Color
53, 23.569, 72.737

Protanomaly
53, 21.522, 87.037

Deuteranomaly
53, 23.569, 72.737

Tritanomaly
53, 15.803, 33.549

Monochromacy



Original Color
53, 23.569, 72.737

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 8.324, 75.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 23.569, 72.737 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, 88)` looks like.

```
.text, #text, p{  
    color:rgb(151, 121, 88)  
}
```

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, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 121, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 23.569, 72.737 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, 88) }
```

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

```
.border{ border-color:rgb(151, 121, 88) }
```

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, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 121, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 121, 88);  
box-shadow:4px 4px 4px 4px rgb(151, 121,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 23.569, 72.737 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, 88) }
```

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

```
.background{ background-color: rgb(151,  
121, 88) }
```

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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