

Converting Colors

CIELCh(53, 42.473, 77.151)

Have a look what the booklet for
CIELCh(53, 42.473, 77.151) contains.

CIELCh(53, 42.281, 77.098)	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, 42.281, 77.098)

Conversions

Conversions Part 1

Format	Color
Hex	A17736
RGB	161, 119, 54
RGB Percent	63%, 47%, 21%
CMY	0.3685, 0.5332, 0.7881
CMYK	0.00, 0.26, 0.66, 0.37
HSL	36°, 50%, 42%
HSV	36°, 66%, 63%
XYZ	21.9698, 21.0462, 6.3974
YIQ	124.1480, 45.8970, -11.3110

Conversions

Conversions Part 2

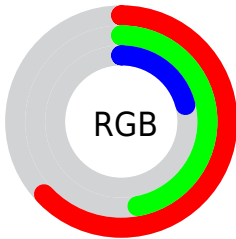
Format	Color
R_{YB}	123, 161, 54
Decimal	10581814
CIE _{Lab}	53.00, 9.44, 41.21
CIE _{LCh}	53, 42.281, 77.098
Yxy	21.0462, 0.4446, 0.4259
Android (android.graphics.Color)	4288771894 (0xFFA17736)
YUV	124.1480, -34.5830, 32.3192
Hunter-Lab	45.8761, 5.1993, 23.8453

Details

The CIELCh color **53, 42.281, 77.098** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **41, 40.192, 280.138**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 42.557, 76.993**, and **33, 42.266, 77.045** is the 20% darker color. If you saturate the color by 10%, you get **51, 48.402, 75.474**, and if you desaturate by 10%, it is **55, 35.762, 78.593**.

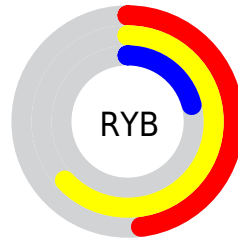
Distribution



Red (63%)

Green (47%)

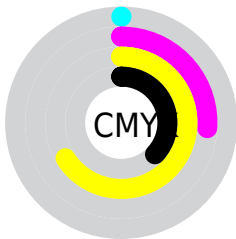
Blue (21%)



Red (48%)

Yellow (63%)

Blue (21%)

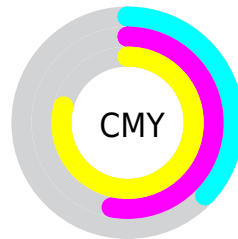


Cyan (0%)

Magenta (26%)

Yellow (66%)

Black (37%)



Cyan (37%)

Magenta (53%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 42.281, 77.098 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, 42.281, 77.098 by changing the saturation by 10% instead.

■ 53, 42.281, 77.098

■ 53, 42.281, 77.098

■ 100, 42.281,
77.098

■ 43, 42.281, 77.098

■ 73, 42.281, 77.098

■ 33, 42.281, 77.098

■ 83, 42.281, 77.098

■ 23, 42.281, 77.098

■ 93, 42.281, 77.098

■ 13, 42.281, 77.098

■ 3, 42.281, 77.098

■ 0, 42.281, 77.098

■ 53, 42.281, 77.098

■ 53, 42.281, 77.098

■ 51, 48.402, 75.474

■ 55, 35.762, 78.593

■ 50, 53.617, 73.584

■ 57, 29.145, 80.013

48, 57.346, 71.261

59, 22.587, 81.386

47, 58.626, 70.464

61, 16.164, 82.721

63, 9.907, 84.016

65, 3.825, 85.243

67, 2.088, 266.645

69, 7.841, 267.738

71, 13.448,
268.854

Harmonies

Complementary

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



53, 42.281, 77.098



41, 40.192, 280.138

Rectangle

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



53, 42.281, 77.098



53, 42.281, 127.098



53, 42.281, 257.098



53, 42.281, 307.098

Sweetspot

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



53, 42.281, 77.102



79, 14.988, 83.513



40, 47.907, 358.797



41, 10.244, 83.172



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



53, 42.281, 77.102



65, 62.158, 74.564



64, 55.301, 109.207



33, 3.407, 84.909



43, 54.366, 70.774



3, 4.990, 80.746

Inverse Universe

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



41, 40.192, 280.138



47, 60.470, 285.474



30, 67.108, 302.575



32, 3.385, 267.352



27, 57.086, 292.141



2, 5.453, 269.312

Previews

White Background



This preview shows how the CIE LCh color 53, 42.281, 77.098 looks on a white background.

Color Contrast Check

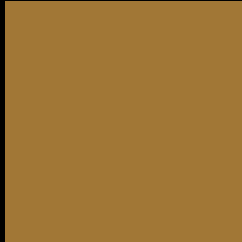
Large Text (above 18pt) WCAG AA ✓ Pass

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, 42.281, 77.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

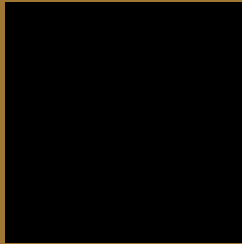
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 42.281, 77.098

Background



This preview shows how black text looks on a background with the CIELCh color 53, 42.281, 77.098.



This preview shows how white text looks on a background with the CIELCh color 53, 42.281, 77.098.

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, 42.281, 77.098

Protanopia

53, 39.955, 95.706

Deuteranopia

53, 41.686, 81.022



Tritanopia
53, 22.945, 10.826

Trichromacy



Original Color
53, 42.281, 77.098

Protanomaly
53, 40.276, 88.856

Deuteranomaly
53, 41.720, 79.610

Tritanomaly
53, 24.828, 47.225

Monochromacy



Original Color
53, 42.281, 77.098

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 14.848, 82.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 42.281, 77.098 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(161, 119, 54)` looks like.

```
.text, #text, p{  
    color:rgb(161, 119, 54)  
}
```

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(161, 119, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 119, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 42.281, 77.098 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(161, 119, 54) }
```

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

```
.border{ border-color:rgb(161, 119, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 119, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 119, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 119, 54);  
box-shadow:4px 4px 4px 4px rgb(161, 119,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 42.281, 77.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 119, 54) }
```

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

```
.background{ background-color: rgb(161,  
119, 54) }
```

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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