

Converting Colors

CIELCh(53, 43.614, 79.062)

Have a look what the booklet for
CIELCh(53, 43.614, 79.062) contains.

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Color

CIELCh(53, 43.561, 79.105)

Conversions

Conversions Part 1

Format	Color
Hex	A07833
RGB	160, 120, 51
RGB Percent	63%, 47%, 20%
CMY	0.3738, 0.5305, 0.8010
CMYK	0.00, 0.25, 0.68, 0.37
HSL	38°, 52%, 41%
HSV	38°, 68%, 63%
XYZ	21.7115, 21.0462, 6.0195
YIQ	124.0940, 45.9890, -12.9790

Conversions

Conversions Part 2

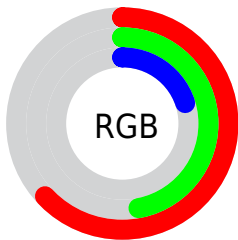
Format	Color
RYB	114, 160, 51
Decimal	10516531
CIELab	53.00, 8.23, 42.78
CIElCh	53, 43.561, 79.105
Yxy	21.0462, 0.4451, 0.4315
Android (android.graphics.Color)	4288706611 (0xFFA07833)
YUV	124.0940, -36.0353, 31.4896
Hunter-Lab	45.8761, 4.1944, 24.3337

Details

The CIELCh color **53, 43.561, 79.105** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **39, 42.685, 282.773**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 43.438, 78.769**, and **33, 43.155, 78.941** is the 20% darker color. If you saturate the color by 10%, you get **51, 49.417, 77.458**, and if you desaturate by 10%, it is **55, 37.175, 80.616**.

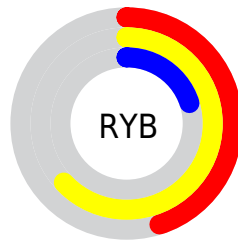
Distribution



Red (63%)

Green (47%)

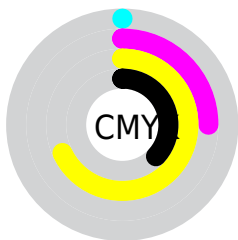
Blue (20%)



Red (45%)

Yellow (63%)

Blue (20%)

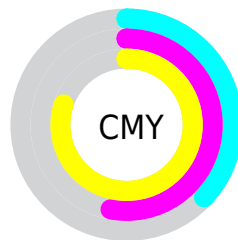


Cyan (0%)

Magenta (25%)

Yellow (68%)

Black (37%)



Cyan (37%)

Magenta (53%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 43.561, 79.105 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, 43.561, 79.105 by changing the saturation by 10% instead.

■ 53, 43.561, 79.105

■ 53, 43.561, 79.105

■ 100, 43.561,
79.105

■ 43, 43.561, 79.105

■ 73, 43.561, 79.105

■ 33, 43.561, 79.105

■ 83, 43.561, 79.105

■ 23, 43.561, 79.105

■ 93, 43.561, 79.105

■ 13, 43.561, 79.105

■ 3, 43.561, 79.105

■ 0, 43.561, 79.105

■ 53, 43.561, 79.105

■ 53, 43.561, 79.105

■ 51, 49.417, 77.458

■ 55, 37.175, 80.616

■ 50, 54.197, 75.535

■ 57, 30.600, 82.045

48, 57.542, 73.251

58, 24.020, 83.425

48, 58.152, 72.870

60, 17.532, 84.765

62, 11.180, 86.063

64, 4.980, 87.304

66, 1.068, 268.783

68, 6.969, 269.781

70, 12.734,
270.894

Harmonies

Complementary

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



53, 43.561, 79.105



39, 42.685, 282.773

Rectangle

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



53, 43.561, 79.105



53, 43.561, 129.105



53, 43.561, 259.105



53, 43.561, 309.105

Sweetspot

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



53, 43.561, 79.108



78, 15.168, 85.789



39, 48.391, 0.494



41, 10.466, 85.447



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, 43.561, 79.108



64, 63.101, 76.484



63, 56.166, 109.944



33, 3.399, 87.183



43, 53.576, 73.193



3, 4.274, 85.469

Inverse Universe

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



39, 42.685, 282.773



44, 64.157, 288.146



29, 68.479, 303.179



31, 3.387, 269.593



25, 58.820, 293.798



1, 4.499, 269.949

Previews

White Background



This preview shows how the CIELCh color 53, 43.561, 79.105 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, 43.561, 79.105 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, 43.561, 79.105

Background



This preview shows how black text looks on a background with the CIELCh color 53, 43.561, 79.105.



This preview shows how white text looks on a background with the CIELCh color 53, 43.561, 79.105.

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, 43.561, 79.105

Protanopia

53, 41.403, 95.823

Deuteranopia

53, 43.739, 81.188



Tritanopia
53, 22.580, 9.110

Trichromacy



Original Color
53, 43.561, 79.105

Protanomaly
53, 41.704, 89.188

Deuteranomaly
53, 43.960, 80.635

Tritanomaly
53, 24.749, 48.720

Monochromacy



Original Color
53, 43.561, 79.105

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 15.905, 83.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 43.561, 79.105 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(160, 120, 51)` looks like.

```
.text, #text, p{  
    color:rgb(160, 120, 51)  
}
```

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(160, 120, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 120, 51) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 43.561, 79.105 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(160, 120, 51) }
```

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

```
.border{ border-color:rgb(160, 120, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 120, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 120, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 120, 51);  
box-shadow:4px 4px 4px 4px rgb(160, 120,  
51) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 43.561, 79.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 120, 51) }
```

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

```
.background{ background-color: rgb(160,  
120, 51) }
```

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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