

Converting Colors

CIELCh(43, 61.746, 53.821)

Have a look what the booklet for
CIELCh(43, 61.746, 53.821) contains.

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Color

CIELCh(43, 61.542, 53.936)

Conversions

Conversions Part 1

Format	Color
Hex	A8490C
RGB	168, 73, 12
RGB Percent	66%, 29%, 5%
CMY	0.3404, 0.7131, 0.9521
CMYK	0.00, 0.57, 0.93, 0.34
HSL	23°, 86%, 35%
HSV	23°, 93%, 66%
XYZ	18.6485, 13.1578, 1.9111
YIQ	94.4510, 76.2010, 1.1690

Conversions

Conversions Part 2

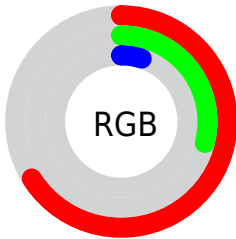
Format	Color
RYB	168, 112, 12
Decimal	11028748
CIELab	43.00, 36.23, 49.75
CIELCh	43, 61.542, 53.936
Yxy	13.1578, 0.5531, 0.3902
Android (android.graphics.Color)	4289218828 (0xFFA8490C)
YUV	94.4510, -40.6483, 64.5025
Hunter-Lab	36.2736, 28.2890, 22.2678

Details

The CIELCh color **43, 61.542, 53.936** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **43, 39.638, 267.201**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 61.310, 53.949**, and **23, 49.747, 43.207** is the 20% darker color. If you saturate the color by 10%, you get **42, 65.710, 52.809**, and if you desaturate by 10%, it is **45, 55.072, 55.377**.

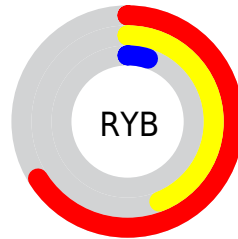
Distribution



Red (66%)

Green (29%)

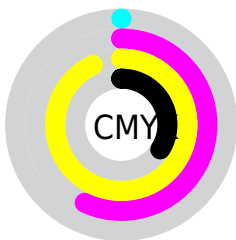
Blue (5%)



Red (66%)

Yellow (44%)

Blue (5%)

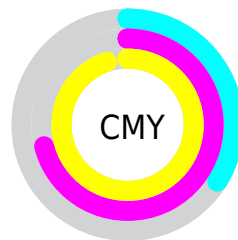


Cyan (0%)

Magenta (57%)

Yellow (93%)

Black (34%)



Cyan (34%)

Magenta (71%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 61.542, 53.936 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 43, 61.542, 53.936 by changing the saturation by 10% instead.

43, 61.542, 53.936

43, 61.542, 53.936

100, 61.542,
53.936

33, 61.542, 53.936

63, 61.542, 53.936

23, 61.542, 53.936

73, 61.542, 53.936

13, 61.542, 53.936

83, 61.542, 53.936

3, 61.542, 53.936

93, 61.542, 53.936

0, 61.542, 53.936

43, 61.542, 53.936

43, 61.542, 53.936

42, 65.710, 52.809

45, 55.072, 55.377

48, 47.687, 56.349

■ 50, 40.117, 57.160

■ 53, 32.730, 57.953

■ 56, 25.686, 58.779

■ 59, 19.042, 59.651

■ 62, 12.802, 60.561

■ 65, 6.948, 61.487

■ 68, 1.447, 62.240

Harmonies

Complementary

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



43, 61.542, 53.936



43, 39.638, 267.201

Rectangle

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



43, 61.542, 53.936



43, 61.542, 103.936



43, 61.542, 233.936



43, 61.542, 283.936

Sweetspot

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



43, 61.540, 53.938



77, 19.928, 60.033



37, 63.932, 349.395



39, 13.925, 59.659



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



43, 61.540, 53.938



54, 80.569, 52.099



62, 64.045, 95.426



34, 3.053, 61.799



37, 59.585, 53.225



3, 5.383, 56.065

Inverse Universe

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



43, 39.638, 267.201



54, 52.070, 271.677



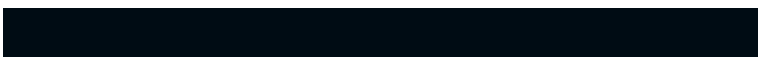
23, 86.699, 303.192



34, 2.942, 243.849



37, 38.019, 270.083



3, 5.643, 251.949

Previews

White Background



This preview shows how the CIELCh color 43, 61.542, 53.936 looks on a white 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

Black Background



This preview shows how the CIELCh color 43, 61.542, 53.936 looks on a black 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

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

CIELCh 43, 61.542, 53.936

Background



This preview shows how black text looks on a background with the CIELCh color 43, 61.542, 53.936.



This preview shows how white text looks on a background with the CIELCh color 43, 61.542, 53.936.

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

43, 61.542, 53.936

Protanopia

43, 44.550, 95.974

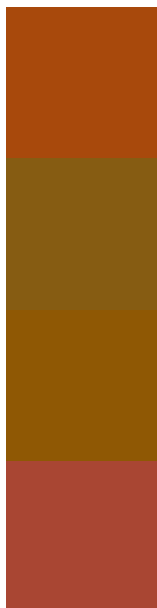
Deuteranopia

43, 50.727, 84.258



Tritanopia
43, 46.243, 23.824

Trichromacy



Original Color
43, 61.542, 53.936

Protanomaly
42, 46.608, 76.566

Deuteranomaly
43, 52.677, 71.096

Tritanomaly
43, 50.559, 38.664

Monochromacy



Original Color
43, 61.542, 53.936

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 21.783, 58.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 61.542, 53.936 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(168, 73, 12)` looks like.

```
.text, #text, p{  
    color:rgb(168, 73, 12)  
}
```

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(168, 73, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 73, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 61.542, 53.936 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(168, 73, 12) }
```

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

```
.border{ border-color:rgb(168, 73, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 73, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 73, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 73, 12);  
box-shadow:4px 4px 4px 4px rgb(168, 73,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 61.542, 53.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 73, 12) }
```

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

```
.background{ background-color: rgb(168, 73,  
12) }
```

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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