

Converting Colors

CIELCh(43, 54.165, 63.908)

Have a look what the booklet for
CIELCh(43, 54.165, 63.908) contains.

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Color

CIELCh(43, 54.320, 63.760)

Conversions

Conversions Part 1

Format	Color
Hex	99540C
RGB	153, 84, 12
RGB Percent	60%, 33%, 5%
CMY	0.3997, 0.6703, 0.9526
CMYK	0.00, 0.45, 0.92, 0.40
HSL	31°, 85%, 32%
HSV	31°, 92%, 60%
XYZ	16.3944, 13.1578, 2.0265
YIQ	96.4230, 64.2360, -7.7640

Conversions

Conversions Part 2

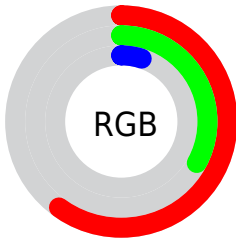
Format	Color
RYB	147, 153, 12
Decimal	10048524
CIELab	43.00, 24.02, 48.72
CIElCh	43, 54.320, 63.760
Yxy	13.1578, 0.5192, 0.4167
Android (android.graphics.Color)	4288238604 (0xFF99540C)
YUV	96.4230, -41.6205, 49.6180
Hunter-Lab	36.2736, 17.1966, 22.0792

Details

The CIELCh color **43, 54.320, 63.760** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **35, 45.669, 281.058**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 54.343, 63.399**, and **23, 41.497, 53.943** is the 20% darker color. If you saturate the color by 10%, you get **42, 57.840, 62.058**, and if you desaturate by 10%, it is **45, 49.221, 65.784**.

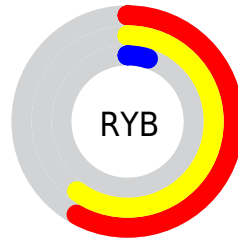
Distribution



Red (60%)

Green (33%)

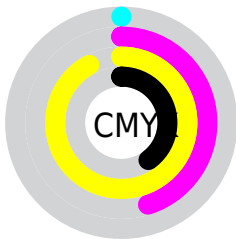
Blue (5%)



Red (58%)

Yellow (60%)

Blue (5%)

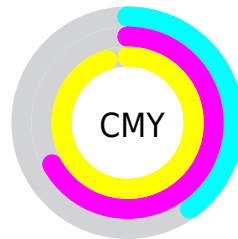


Cyan (0%)

Magenta (45%)

Yellow (92%)

Black (40%)



Cyan (40%)

Magenta (67%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 54.320, 63.760 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, 54.320, 63.760 by changing the saturation by 10% instead.

■ 43, 54.320, 63.760

■ 43, 54.320, 63.760

■ 100, 54.320,
63.760

■ 33, 54.320, 63.760

■ 63, 54.320, 63.760

■ 23, 54.320, 63.760

■ 73, 54.320, 63.760

■ 13, 54.320, 63.760

■ 83, 54.320, 63.760

■ 3, 54.320, 63.760

■ 93, 54.320, 63.760

■ 0, 54.320, 63.760

■ 43, 54.320, 63.760

■ 43, 54.320, 63.760

■ 42, 57.840, 62.058

■ 45, 49.221, 65.784

■ 47, 43.147, 67.378

■ 49, 36.706, 68.771

■ 51, 30.245, 70.079

■ 53, 23.935, 71.351

■ 56, 17.851, 72.606

■ 58, 12.018, 73.844

■ 60, 6.435, 75.051

■ 63, 1.087, 76.031

Harmonies

Complementary

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



43, 54.320, 63.760



35, 45.669, 281.058

Rectangle

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



43, 54.320, 63.760



43, 54.320, 113.760



43, 54.320, 243.760



43, 54.320, 293.760

Sweetspot

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



43, 54.319, 63.763



72, 19.124, 73.047



33, 56.817, 358.474



36, 13.286, 72.553



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



43, 54.319, 63.763



54, 70.469, 61.259



61, 64.470, 103.033



31, 2.986, 75.385



38, 54.185, 62.370



2, 3.157, 75.626

Inverse Universe

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



35, 45.669, 281.058



42, 61.481, 285.330



19, 87.204, 305.422



31, 2.929, 257.786



30, 46.226, 284.005



1, 3.198, 257.427

Previews

White Background



This preview shows how the CIELCh color 43, 54.320, 63.760 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, 54.320, 63.760 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, 54.320, 63.760

Background



This preview shows how black text looks on a background with the CIELCh color 43, 54.320, 63.760.



This preview shows how white text looks on a background with the CIELCh color 43, 54.320, 63.760.

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, 54.320, 63.760

Protanopia

43, 45.238, 95.297

Deuteranopia

43, 50.727, 84.258



Tritanopia
43, 34.978, 19.294

Trichromacy



Original Color
43, 54.320, 63.760

Protanomaly
43, 46.373, 81.795

Deuteranomaly
43, 51.301, 76.014

Tritanomaly
43, 39.699, 42.700

Monochromacy



Original Color
43, 54.320, 63.760

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 20.402, 72.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 54.320, 63.760 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(153, 84, 12)` looks like.

```
.text, #text, p{  
    color:rgb(153, 84, 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(153, 84, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 84, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 54.320, 63.760 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(153, 84, 12) }
```

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

```
.border{ border-color:rgb(153, 84, 12) }
```

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

Here you see how a box with a 4 pixel rgb(153, 84, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 84, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 84, 12);  
box-shadow:4px 4px 4px 4px rgb(153, 84,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 54.320, 63.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 84, 12) }
```

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

```
.background{ background-color: rgb(153, 84,  
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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