

Converting Colors

CIELCh(43, 43.633, 53.321)

Have a look what the booklet for
CIELCh(43, 43.633, 53.321) contains.

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Color

CIELCh(43, 43.437, 53.626)

Conversions

Conversions Part 1

Format	Color
Hex	99532C
RGB	153, 83, 44
RGB Percent	60%, 33%, 17%
CMY	0.3997, 0.6742, 0.8272
CMYK	0.00, 0.46, 0.71, 0.40
HSL	21°, 55%, 39%
HSV	21°, 71%, 60%
XYZ	16.7044, 13.1578, 4.0479
YIQ	99.4840, 54.2390, 2.7110

Conversions

Conversions Part 2

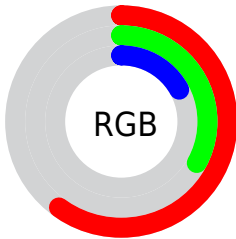
Format	Color
R _Y B	153, 105, 44
Decimal	10048300
CIE Lab	43.00, 25.76, 34.97
CIE LCh	43, 43.437, 53.626
Yxy	13.1578, 0.4926, 0.3880
Android (android.graphics.Color)	4288238380 (0xFF99532C)
YUV	99.4840, -27.3536, 46.9335
Hunter-Lab	36.2736, 18.7225, 18.7752

Details

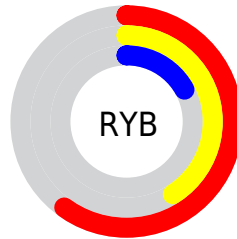
The CIELCh color **43, 43.437, 53.626** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **45, 28.782, 252.673**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 43.441, 53.610**, and **23, 42.273, 52.116** is the 20% darker color. If you saturate the color by 10%, you get **41, 50.563, 52.983**, and if you desaturate by 10%, it is **46, 36.281, 54.189**.

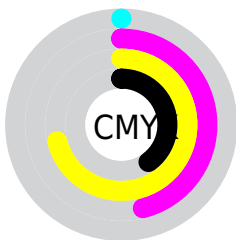
Distribution



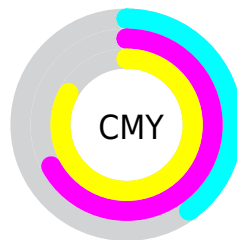
- Red (60%)
- Green (33%)
- Blue (17%)



- Red (60%)
- Yellow (41%)
- Blue (17%)



- Cyan (0%)
- Magenta (46%)
- Yellow (71%)
- Black (40%)



- Cyan (40%)
- Magenta (67%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 43.437, 53.626 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, 43.437, 53.626 by changing the saturation by 10% instead.

■ 43, 43.437, 53.626

■ 43, 43.437, 53.626

■ 100, 43.437,
53.626

■ 33, 43.437, 53.626

■ 63, 43.437, 53.626

■ 23, 43.437, 53.626

■ 73, 43.437, 53.626

■ 13, 43.437, 53.626

■ 83, 43.437, 53.626

■ 3, 43.437, 53.626

■ 93, 43.437, 53.626

■ 0, 43.437, 53.626

■ 43, 43.437, 53.626

■ 43, 43.437, 53.626

■ 41, 50.563, 52.983

■ 46, 36.281, 54.189

■ 39, 57.071, 51.981

■ 48, 29.376, 54.775

37, 62.262, 51.056

51, 22.839, 55.425

54, 16.704, 56.142

57, 10.967, 56.912

60, 5.604, 57.705

63, 0.585, 57.967

66, 4.127, 239.596

69, 8.566, 240.423

Harmonies

Complementary

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



43, 43.437, 53.626



45, 28.782, 252.673

Rectangle

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



43, 43.437, 53.626



43, 43.437, 103.626



43, 43.437, 233.626



43, 43.437, 283.626

Sweetspot

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



43, 43.436, 53.629



72, 13.446, 56.896



38, 54.174, 343.029



37, 9.156, 56.700



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, 43.436, 53.629



51, 65.854, 52.506



57, 49.790, 95.378



31, 2.804, 57.858



34, 58.232, 51.331



2, 2.949, 57.985

Inverse Universe

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



45, 28.782, 252.673



55, 40.231, 259.001



30, 58.736, 296.322



31, 2.691, 239.697



36, 34.240, 264.842



2, 2.959, 240.072

Previews

White Background



This preview shows how the CIELCh color 43, 43.437, 53.626 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, 43.437, 53.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

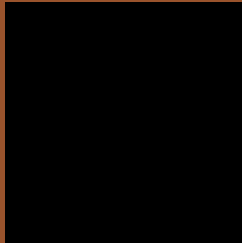
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 43.437, 53.626

Background



This preview shows how black text looks on a background with the CIELCh color 43, 43.437, 53.626.



This preview shows how white text looks on a background with the CIELCh color 43, 43.437, 53.626.

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, 43.437, 53.626

Protanopia

43, 30.795, 95.737

Deuteranopia

43, 36.652, 81.180



Tritanopia
43, 34.128, 19.916

Trichromacy



Original Color
43, 43.437, 53.626

Protanomaly
43, 32.634, 76.081

Deuteranomaly
43, 37.980, 70.264

Tritanomaly
43, 36.000, 34.517

Monochromacy



Original Color
43, 43.437, 53.626

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 14.308, 56.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 43.437, 53.626 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, 83, 44)` looks like.

```
.text, #text, p{  
    color:rgb(153, 83, 44)  
}
```

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, 83, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 83, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 43.437, 53.626 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, 83, 44) }
```

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

```
.border{ border-color:rgb(153, 83, 44) }
```

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

Here you see how a box with a 4 pixel rgb(153, 83, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 83, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 83, 44);  
box-shadow:4px 4px 4px 4px rgb(153, 83,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 43.437, 53.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 83, 44) }
```

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

```
.background{ background-color: rgb(153, 83,  
44) }
```

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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