

Converting Colors

CIELCh(43, 52.431, 57.884)

Have a look what the booklet for
CIELCh(43, 52.431, 57.884) contains.

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Color

CIELCh(43, 52.335, 57.978)

Conversions

Conversions Part 1

Format	Color
Hex	9D5119
RGB	157, 81, 25
RGB Percent	62%, 32%, 10%
CMY	0.3837, 0.6818, 0.9014
CMYK	0.00, 0.48, 0.84, 0.38
HSL	25°, 72%, 36%
HSV	25°, 84%, 62%
XYZ	17.0630, 13.1578, 2.5676
YIQ	97.3400, 63.2720, -1.3040

Conversions

Conversions Part 2

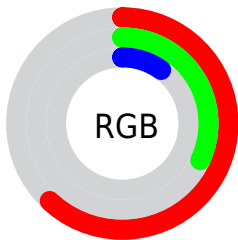
Format	Color
R_{YB}	157, 122, 25
Decimal	10309913
CIE Lab	43.00, 27.75, 44.37
CIE LCh	43, 52.335, 57.978
Yxy	13.1578, 0.5204, 0.4013
Android (android.graphics.Color)	4288499993 (0xFF9D5119)
YUV	97.3400, -35.6636, 52.3218
Hunter-Lab	36.2736, 20.4871, 21.1948

Details

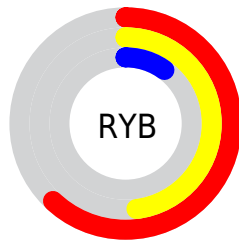
The CIELCh color **43, 52.335, 57.978** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **41, 36.701, 267.506**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 52.365, 57.534**, and **23, 44.009, 50.018** is the 20% darker color. If you saturate the color by 10%, you get **41, 58.052, 56.245**, and if you desaturate by 10%, it is **45, 45.630, 59.213**.

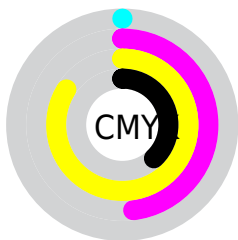
Distribution



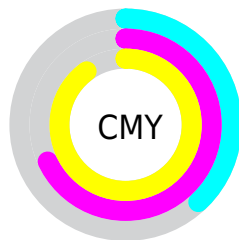
- Red (62%)
- Green (32%)
- Blue (10%)



- Red (62%)
- Yellow (48%)
- Blue (10%)



- Cyan (0%)
- Magenta (48%)
- Yellow (84%)
- Black (38%)



- Cyan (38%)
- Magenta (68%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 52.335, 57.978 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, 52.335, 57.978 by changing the saturation by 10% instead.

■ 43, 52.335, 57.978

■ 43, 52.335, 57.978

■ 100, 52.335,
57.978

■ 33, 52.335, 57.978

■ 63, 52.335, 57.978

■ 23, 52.335, 57.978

■ 73, 52.335, 57.978

■ 13, 52.335, 57.978

■ 83, 52.335, 57.978

■ 3, 52.335, 57.978

■ 93, 52.335, 57.978

■ 0, 52.335, 57.978

■ 43, 52.335, 57.978

■ 43, 52.335, 57.978

■ 41, 58.052, 56.245

■ 45, 45.630, 59.213

■ 40, 61.316, 55.288

■ 48, 38.646, 60.242

■ 50, 31.758, 61.218

■ 53, 25.138, 62.200

■ 55, 18.854, 63.205

■ 58, 12.918, 64.232

■ 61, 7.319, 65.263

■ 64, 2.032, 66.194

■ 67, 2.972, 247.543

Harmonies

Complementary

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



43, 52.335, 57.978



41, 36.701, 267.506

Rectangle

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



43, 52.335, 57.978



43, 52.335, 107.978



43, 52.335, 237.978



43, 52.335, 287.978

Sweetspot

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



43, 52.334, 57.981



73, 16.711, 64.080



36, 58.149, 349.642



37, 11.486, 63.745



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



43, 52.334, 57.981



51, 74.832, 54.517



60, 59.559, 98.420



32, 2.928, 65.740



36, 57.031, 55.622



2, 3.716, 64.168

Inverse Universe

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



41, 36.701, 267.506



49, 52.613, 275.915



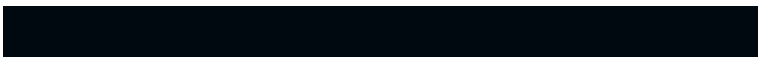
23, 77.363, 302.119



32, 2.836, 247.925



34, 39.487, 274.441



2, 3.807, 250.268

Previews

White Background



This preview shows how the CIELCh color 43, 52.335, 57.978 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, 52.335, 57.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

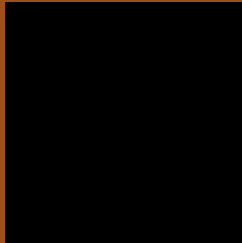
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 52.335, 57.978

Background



This preview shows how black text looks on a background with the CIELCh color 43, 52.335, 57.978.



This preview shows how white text looks on a background with the CIELCh color 43, 52.335, 57.978.

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, 52.335, 57.978

Protanopia

43, 40.281, 95.083

Deuteranopia

43, 46.372, 83.224



Tritanopia
43, 37.848, 21.151

Trichromacy



Original Color
43, 52.335, 57.978

Protanomaly
43, 41.755, 78.700

Deuteranomaly
43, 47.283, 72.998

Tritanomaly
43, 41.039, 38.522

Monochromacy



Original Color
43, 52.335, 57.978

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 18.078, 61.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 52.335, 57.978 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(157, 81, 25)` looks like.

```
.text, #text, p{  
    color:rgb(157, 81, 25)  
}
```

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(157, 81, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 81, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 52.335, 57.978 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(157, 81, 25) }
```

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

```
.border{ border-color:rgb(157, 81, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 81, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 81, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 81, 25);  
box-shadow:4px 4px 4px 4px rgb(157, 81,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 52.335, 57.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 81, 25) }
```

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

```
.background{ background-color: rgb(157, 81,  
25) }
```

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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