

Converting Colors

CIELCh(43, 39.375, 149.181)

Have a look what the booklet for
CIELCh(43, 39.375, 149.181)
contains.

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Color

CIELCh(43, 39.352, 149.250)

Conversions

Conversions Part 1

Format	Color
Hex	2C7343
RGB	44, 115, 67
RGB Percent	17%, 45%, 26%
CMY	0.8282, 0.5497, 0.7379
CMYK	0.62, 0.00, 0.42, 0.55
HSL	139°, 45%, 31%
HSV	139°, 62%, 45%
XYZ	8.1508, 13.1578, 7.3961
YIQ	88.2990, -26.9080, -29.9800

Conversions

Conversions Part 2

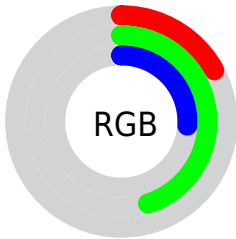
Format	Color
R_{YB}	44, 98, 115
Decimal	2913091
CIE _{Lab}	43.00, -33.82, 20.12
CIE _{LCh}	43, 39.352, 149.250
Yxy	13.1578, 0.2840, 0.4584
Android (android.graphics.Color)	4281103171 (0xFF2C7343)
YUV	88.2990, -10.5004, -38.8502
Hunter-Lab	36.2736, -23.3693, 13.3025

Details

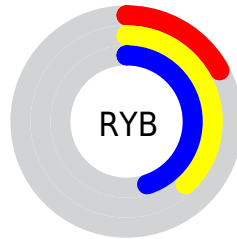
The CIELCh color **43, 39.352, 149.250** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **30, 39.503, 340.272**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 39.409, 149.397**, and **24, 36.424, 145.549** is the 20% darker color. If you saturate the color by 10%, you get **43, 44.675, 147.741**, and if you desaturate by 10%, it is **44, 33.556, 150.586**.

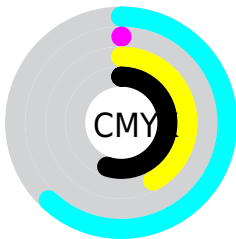
Distribution



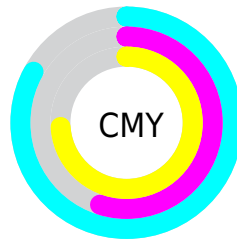
- Red (17%)
- Green (45%)
- Blue (26%)



- Red (17%)
- Yellow (38%)
- Blue (45%)



- Cyan (62%)
- Magenta (0%)
- Yellow (42%)
- Black (55%)





- Cyan (83%)
- Magenta (55%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 39.352, 149.250 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, 39.352, 149.250 by changing the saturation by 10% instead.


 43, 39.352,
149.250


 43, 39.352,
149.250


 100, 39.352,
149.250


 33, 39.352,
149.250

 63, 39.352,
149.250


 23, 39.352,
149.250

 73, 39.352,
149.250

 13, 39.352,
149.250

 83, 39.352,
149.250

 3, 39.352, 149.250

 93, 39.352,
149.250

 0, 39.352, 149.250

 43, 39.352,

 43, 39.352,

149.250

149.250

■ 43, 44.675,
147.741

■ 44, 33.556,
150.586

■ 42, 49.430,
146.063

■ 44, 27.395,
151.760

■ 42, 53.554,
144.238

■ 45, 20.981,
152.789

■ 42, 56.597,
142.857

■ 46, 14.419,
153.693

■ 47, 7.801, 154.497

■ 48, 1.203, 155.356

■ 49, 5.315, 335.740

■ 51, 11.711,
336.318

■ 52, 17.954,

Harmonies

Complementary

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



43, 39.352, 149.250



30, 39.503, 340.272

Rectangle

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



43, 39.352, 149.250



43, 39.352, 199.250



43, 39.352, 329.250



43, 39.352, 19.250

Sweetspot

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



43, 39.353, 149.250



60, 15.647, 153.889



45, 41.050, 119.349



31, 10.855, 153.696



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 39.353, 149.250



55, 56.774, 147.070



44, 25.531, 178.636



24, 3.768, 154.709



44, 59.447, 142.703



86, 103.575, 141.505

Inverse Universe

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



30, 39.503, 340.272



36, 55.580, 341.930



29, 33.487, 13.668



23, 3.789, 335.846



26, 53.184, 345.857



55, 89.231, 347.184

Previews

White Background



This preview shows how the CIELCh color 43, 39.352, 149.250 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 CIE LCh color 43, 39.352, 149.250 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, 39.352, 149.250

Background



This preview shows how black text looks on a background with the CIELCh color 43, 39.352, 149.250.



This preview shows how white text looks on a background with the CIELCh color 43, 39.352, 149.250.

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, 39.352, 149.250

Protanopia

43, 23.494, 96.322

Deuteranopia

43, 19.103, 73.642



Tritanopia
43, 17.498, 215.825

Trichromacy



Original Color
43, 39.352, 149.250

Protanomaly
42, 26.335, 126.462

Deuteranomaly
42, 20.797, 120.948

Tritanomaly
43, 22.216, 177.764

Monochromacy



Original Color
43, 39.352, 149.250

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 15.562, 152.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 39.352, 149.250 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(44, 115, 67)` looks like.

```
.text, #text, p{  
    color:rgb(44, 115, 67)  
}
```

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(44, 115, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 115, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 39.352, 149.250 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(44, 115, 67) }
```

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

```
.border{ border-color:rgb(44, 115, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 115, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 115, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 115, 67);  
box-shadow:4px 4px 4px 4px rgb(44, 115,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 39.352, 149.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 115, 67) }
```

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

```
.background{ background-color: rgb(44, 115,  
67) }
```

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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