

Converting Colors

CIELCh(43, 40.315, 140.635)

Have a look what the booklet for
CIELCh(43, 40.315, 140.635)
contains.

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Color

CIELCh(43, 40.729, 140.628)

Conversions

Conversions Part 1

Format	Color
Hex	397239
RGB	57, 114, 57
RGB Percent	22%, 45%, 22%
CMY	0.7771, 0.5536, 0.7770
CMYK	0.50, 0.00, 0.50, 0.55
HSL	120°, 33%, 33%
HSV	120°, 50%, 45%
XYZ	8.4124, 13.1578, 5.9482
YIQ	90.4590, -15.6750, -29.8110

Conversions

Conversions Part 2

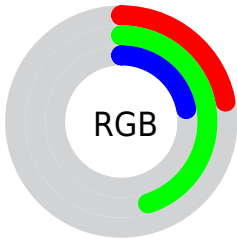
Format	Color
R_{YB}	57, 114, 114
Decimal	3764793
CIE _{Lab}	43.00, -31.49, 25.84
CIE _{LCh}	43, 40.729, 140.628
Yxy	13.1578, 0.3057, 0.4781
Android (android.graphics.Color)	4281954873 (0xFF397239)
YUV	90.4590, -16.4953, -29.3435
Hunter-Lab	36.2736, -22.0820, 15.6692

Details

The CIELCh color **43, 40.729, 140.628** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **33, 40.551, 326.937**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 40.633, 140.661**, and **23, 40.389, 140.510** is the 20% darker color. If you saturate the color by 10%, you get **42, 47.900, 139.571**, and if you desaturate by 10%, it is **44, 32.984, 141.606**.

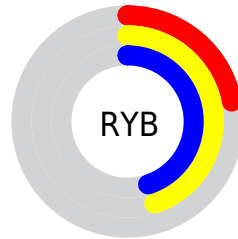
Distribution



Red (22%)

Green (45%)

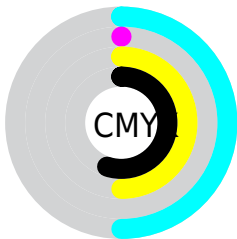
Blue (22%)



Red (22%)

Yellow (45%)

Blue (45%)

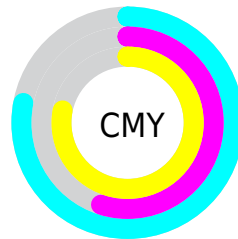


Cyan (50%)

Magenta (0%)

Yellow (50%)

Black (55%)



Cyan (78%)

Magenta (55%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 40.729, 140.628 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, 40.729, 140.628 by changing the saturation by 10% instead.

 43, 40.729,
140.628

 43, 40.729,
140.628


 100, 40.729,
140.628

 33, 40.729,
140.628

 63, 40.729,
140.628

 23, 40.729,
140.628

 73, 40.729,
140.628

 13, 40.729,
140.628

 83, 40.729,
140.628

 3, 40.729, 140.628

 93, 40.729,
140.628

 0, 40.729, 140.628

 43, 40.729,

 43, 40.729,

140.628

140.628

■ 42, 47.900,
139.571

■ 44, 32.984,
141.606

■ 42, 54.230,
138.490

■ 45, 24.885,
142.479

■ 42, 59.422,
137.485

■ 46, 16.610,
143.242

■ 41, 63.186,
136.679

■ 47, 8.298, 143.907

■ 41, 66.056,
136.020

■ 48, 0.053, 147.665

■ 49, 8.050, 324.900

■ 51, 15.961,
325.316

■ 52, 23.649,
325.666

■ 54, 31.097,

Harmonies

Complementary

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



43, 40.729, 140.628



33, 40.551, 326.937

Rectangle

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



43, 40.729, 140.628



43, 40.729, 190.628



43, 40.729, 320.628



43, 40.729, 10.628

Sweetspot

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



43, 40.730, 140.628



59, 15.358, 143.564



47, 32.558, 105.659



30, 10.417, 143.456



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 40.730, 140.628



54, 59.066, 139.410



44, 27.904, 158.718



23, 4.575, 143.974



43, 68.527, 136.020



85, 117.041, 136.018

Inverse Universe

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



33, 40.551, 326.937



41, 58.490, 327.393



32, 29.418, 348.657



22, 4.582, 324.893



28, 66.110, 328.243



59, 112.905, 328.244

Previews

White Background



This preview shows how the CIELCh color 43, 40.729, 140.628 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, 40.729, 140.628 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, 40.729, 140.628

Background



This preview shows how black text looks on a background with the CIELCh color 43, 40.729, 140.628.



This preview shows how white text looks on a background with the CIELCh color 43, 40.729, 140.628.

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, 40.729, 140.628

Protanopia
43, 29.222, 95.434

Deuteranopia
43, 24.818, 78.113



Tritanopia
43, 14.041, 220.914

Trichromacy



Original Color
43, 40.729, 140.628

Protanomaly
43, 30.888, 117.880

Deuteranomaly
42, 25.954, 111.470

Tritanomaly
43, 19.368, 169.269

Monochromacy



Original Color
43, 40.729, 140.628

Achromatopsia
38, 0.005, 296.813

Achromatomaly
40, 15.652, 143.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 40.729, 140.628 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(57, 114, 57)` looks like.

```
.text, #text, p{  
    color:rgb(57, 114, 57)  
}
```

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(57, 114, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 114, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 40.729, 140.628 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(57, 114, 57) }
```

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

```
.border{ border-color:rgb(57, 114, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 114, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 114, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 114, 57);  
box-shadow:4px 4px 4px 4px rgb(57, 114,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 40.729, 140.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 114, 57) }
```

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

```
.background{ background-color: rgb(57, 114,  
57) }
```

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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