

Converting Colors

CIELCh(43, 40.068, 140.717)

Have a look what the booklet for
CIELCh(43, 40.068, 140.717)
contains.

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Color

CIELCh(43, 40.068, 140.717)

Conversions

Conversions Part 1

Format	Color
Hex	3A723A
RGB	58, 114, 58
RGB Percent	23%, 45%, 23%
CMY	0.7738, 0.5541, 0.7737
CMYK	0.49, 0.00, 0.49, 0.55
HSL	120°, 33%, 34%
HSV	120°, 49%, 45%
XYZ	8.4659, 13.1578, 6.0588
YIQ	90.8720, -15.4000, -29.2880

Conversions

Conversions Part 2

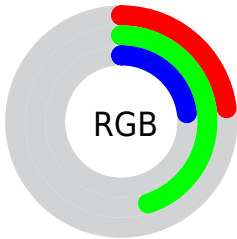
Format	Color
RYB	58, 114, 114
Decimal	3830330
CIELab	43.00, -31.01, 25.37
CIElCh	43, 40.068, 140.717
Yxy	13.1578, 0.3058, 0.4753
Android (android.graphics.Color)	4282020410 (0xFF3A723A)
YUV	90.8720, -16.2059, -28.8287
Hunter-Lab	36.2736, -21.8186, 15.4884

Details

The CIELCh color **43, 40.068, 140.717** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **33, 39.904, 326.907**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 39.972, 140.693**, and **23, 39.888, 140.695** is the 20% darker color. If you saturate the color by 10%, you get **42, 47.287, 139.664**, and if you desaturate by 10%, it is **44, 32.296, 141.687**.

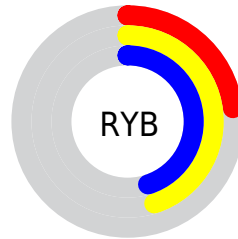
Distribution



Red (23%)

Green (45%)

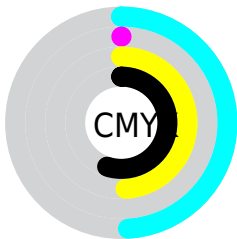
Blue (23%)



Red (23%)

Yellow (45%)

Blue (45%)

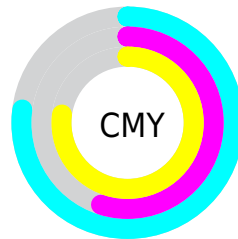


Cyan (49%)

Magenta (0%)

Yellow (49%)

Black (55%)



Cyan (77%)


Magenta (55%)


Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 40.068, 140.717 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, 40.068, 140.717 by changing the saturation by 10% instead.


 43, 40.068,
140.717


 43, 40.068,
140.717


 100, 40.068,
140.717


 33, 40.068,
140.717

 63, 40.068,
140.717


 23, 40.068,
140.717

 73, 40.068,
140.717

 13, 40.068,
140.717

 83, 40.068,
140.717

 3, 40.068, 140.717

 93, 40.068,
140.717

 0, 40.068, 140.717

 43, 40.068,

 43, 40.068,

140.717

140.717

■ 42, 47.287,
139.664

■ 44, 32.296,
141.687

■ 42, 53.690,
138.583

■ 45, 24.186,
142.551

■ 42, 58.982,
137.566

■ 46, 15.913,
143.305

■ 41, 62.871,
136.738

■ 47, 7.613, 143.963

■ 41, 65.767,
136.076

■ 48, 0.612, 324.213

■ 49, 8.691, 324.943

■ 41, 65.989,
136.023

■ 51, 16.575,
325.353

■ 52, 24.235,
325.697

■ 54, 31.655,

Harmonies

Complementary

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



43, 40.068, 140.717



33, 39.904, 326.907

Rectangle

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



43, 40.068, 140.717



43, 40.068, 190.717



43, 40.068, 320.717



43, 40.068, 10.717

Sweetspot

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



43, 40.069, 140.717



59, 15.356, 143.570



47, 32.033, 105.728



30, 10.416, 143.462



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, 40.069, 140.717



55, 58.226, 139.526



44, 27.458, 158.824



23, 4.574, 143.980



43, 68.523, 136.023



85, 117.038, 136.019

Inverse Universe

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



33, 39.904, 326.907



41, 57.692, 327.362



32, 28.935, 348.545



22, 4.582, 324.898



28, 66.100, 328.251



59, 112.887, 328.252

Previews

White Background



This preview shows how the CIELCh color 43, 40.068, 140.717 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, 40.068, 140.717 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, 40.068, 140.717

Background



This preview shows how black text looks on a background with the CIELCh color 43, 40.068, 140.717.



This preview shows how white text looks on a background with the CIELCh color 43, 40.068, 140.717.

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, 40.068, 140.717

Protanopia

43, 28.585, 96.284

Deuteranopia

43, 24.295, 77.594



Tritanopia
43, 14.041, 220.914

Trichromacy



Original Color
43, 40.068, 140.717

Protanomaly
43, 30.358, 118.150

Deuteranomaly
42, 25.353, 110.619

Tritanomaly
43, 18.736, 170.400

Monochromacy



Original Color
43, 40.068, 140.717

Achromatopsia
39, 0.005, 296.813

Achromatomaly
40, 14.903, 143.249

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 40.068, 140.717 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(58, 114, 58)` looks like.

```
.text, #text, p{  
    color:rgb(58, 114, 58)  
}
```

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(58, 114, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 114, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 40.068, 140.717 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(58, 114, 58) }
```

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

```
.border{ border-color:rgb(58, 114, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 114, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 114, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 114, 58);  
box-shadow:4px 4px 4px 4px rgb(58, 114,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 40.068, 140.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 114, 58) }
```

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

```
.background{ background-color: rgb(58, 114,  
58) }
```

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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