

Converting Colors

CIELCh(51, 44.702, 143.486)

Have a look what the booklet for
CIELCh(51, 44.702, 143.486)
contains.

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Color

CIELCh(51, 44.739, 143.447)

Conversions

Conversions Part 1

Format	Color
Hex	42884A
RGB	66, 136, 74
RGB Percent	26%, 53%, 29%
CMY	0.7411, 0.4666, 0.7097
CMYK	0.51, 0.00, 0.46, 0.47
HSL	127°, 35%, 40%
HSV	127°, 51%, 53%
XYZ	12.2924, 19.2686, 9.5536
YIQ	108.0020, -21.8180, -34.1220

Conversions

Conversions Part 2

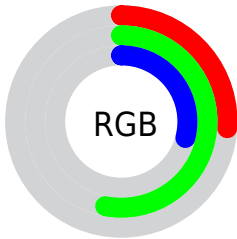
Format	Color
R_{YB}	66, 129, 136
Decimal	4360266
CIE _{Lab}	51.00, -35.94, 26.65
CIE _{LCh}	51, 44.739, 143.447
Yxy	19.2686, 0.2990, 0.4687
Android (android.graphics.Color)	4282550346 (0xFF42884A)
YUV	108.0020, -16.7630, -36.8358
Hunter-Lab	43.8960, -26.8318, 17.8232

Details

The CIELCh color **51, 44.739, 143.447** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **39, 44.483, 330.650**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 44.627, 143.578**, and **31, 44.500, 143.533** is the 20% darker color. If you saturate the color by 10%, you get **50, 52.426, 142.231**, and if you desaturate by 10%, it is **52, 36.475, 144.536**.

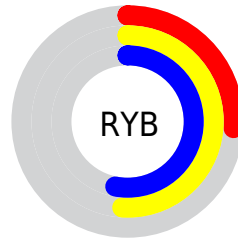
Distribution



Red (26%)

Green (53%)

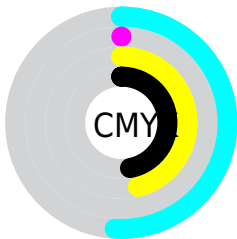
Blue (29%)



Red (26%)

Yellow (51%)

Blue (53%)

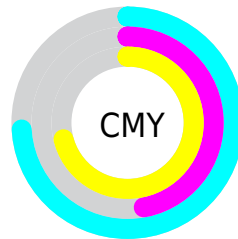


Cyan (51%)

Magenta (0%)

Yellow (46%)

Black (47%)



Cyan (74%)

Magenta (47%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 44.739, 143.447 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 51, 44.739, 143.447 by changing the saturation by 10% instead.


 51, 44.739,
143.447

 51, 44.739,
143.447

 100, 44.739,
143.447

 41, 44.739,
143.447


 71, 44.739,
143.447

 31, 44.739,
143.447

 81, 44.739,
143.447

 21, 44.739,
143.447

 91, 44.739,
143.447

 11, 44.739,
143.447

 1, 44.739, 143.447

 0, 44.739, 143.447

■ 51, 44.739,
143.447

■ 51, 44.739,
143.447

■ 50, 52.426,
142.231

■ 52, 36.475,
144.536

■ 50, 59.307,
140.914

■ 53, 27.837,
145.490

■ 49, 65.147,
139.556

■ 54, 19.000,
146.319

■ 49, 69.717,
138.253

■ 55, 10.109,
147.039

■ 49, 72.606,
137.401

■ 57, 1.276, 147.796

■ 58, 7.417, 328.123

■ 60, 15.912,
328.592

■ 61, 24.174,
328.988

■ 63, 32.182,
329.331

Harmonies

Complementary

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



51, 44.739, 143.447



39, 44.483, 330.650

Rectangle

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



51, 44.739, 143.447



51, 44.739, 193.447



51, 44.739, 323.447



51, 44.739, 13.447

Sweetspot

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



51, 44.740, 143.447



69, 16.354, 146.772



55, 38.717, 110.146



36, 11.253, 146.640



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



51, 44.740, 143.447



64, 64.961, 141.989



52, 30.315, 164.001



28, 5.019, 147.193



48, 71.222, 137.432



1, 2.321, 147.712

Inverse Universe

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



39, 44.483, 330.650



47, 63.895, 331.307



38, 33.321, 355.500



27, 5.030, 328.198



30, 65.178, 333.220



0, 2.321, 327.707

Previews

White Background



This preview shows how the CIELCh color 51, 44.739, 143.447 looks on a white 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

Black Background



This preview shows how the CIELCh color 51, 44.739, 143.447 looks on a black 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

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

CIELCh 51, 44.739, 143.447

Background



This preview shows how black text looks on a background with the CIELCh color 51, 44.739, 143.447.



This preview shows how white text looks on a background with the CIELCh color 51, 44.739, 143.447.

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
51, 44.739, 143.447

Protanopia
51, 30.744, 95.792

Deuteranopia
51, 25.298, 74.388



Tritanopia
51, 17.119, 217.964

Trichromacy



Original Color
51, 44.739, 143.447

Protanomaly
50, 32.600, 119.501

Deuteranomaly
50, 26.497, 113.486

Tritanomaly
51, 22.994, 171.474

Monochromacy



Original Color
51, 44.739, 143.447

Achromatopsia
46, 0.006, 296.813

Achromatomaly
47, 16.622, 146.537

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 44.739, 143.447 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(66, 136, 74)` looks like.

```
.text, #text, p{  
    color:rgb(66, 136, 74)  
}
```

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(66, 136, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 136, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 44.739, 143.447 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(66, 136, 74) }
```

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

```
.border{ border-color:rgb(66, 136, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 136, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 136, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 136, 74);  
box-shadow:4px 4px 4px 4px rgb(66, 136,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 44.739, 143.447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 136, 74) }
```

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

```
.background{ background-color: rgb(66, 136,  
74) }
```

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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