

Converting Colors

CIELCh(51, 44.317, 144.065)

Have a look what the booklet for
CIELCh(51, 44.317, 144.065)
contains.

CIELCh(51, 44.295, 143.864)	3
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Color

CIELCh(51, 44.295, 143.864)

Conversions

Conversions Part 1

Format	Color
Hex	42884B
RGB	66, 136, 75
RGB Percent	26%, 53%, 29%
CMY	0.7412, 0.4667, 0.7059
CMYK	0.51, 0.00, 0.45, 0.47
HSL	128°, 35%, 40%
HSV	128°, 51%, 53%
XYZ	12.3166, 19.2686, 9.7236
YIQ	108.1160, -22.1390, -33.8110

Conversions

Conversions Part 2

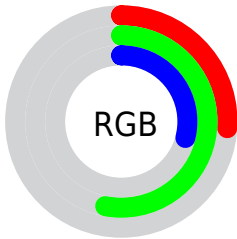
Format	Color
R_{YB}	66, 128, 136
Decimal	4360267
CIE _{Lab}	51.00, -35.77, 26.12
CIE _{LCh}	51, 44.295, 143.864
Yxy	19.2686, 0.2982, 0.4665
Android (android.graphics.Color)	4282550347 (0xFF42884B)
YUV	108.1160, -16.3262, -36.9357
Hunter-Lab	43.8960, -26.7335, 17.5936

Details

The CIELCh color $51, 44.295, 143.864$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $39, 44.056, 331.153$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $71, 44.194, 143.977$, and $31, 44.085, 143.951$ is the 20% darker color. If you saturate the color by 10%, you get $50, 51.918, 142.634$, and if you desaturate by 10%, it is $52, 36.110, 144.961$.

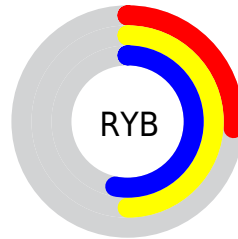
Distribution



Red (26%)

Green (53%)

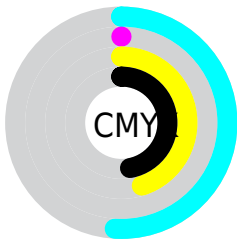
Blue (29%)



Red (26%)

Yellow (50%)

Blue (53%)

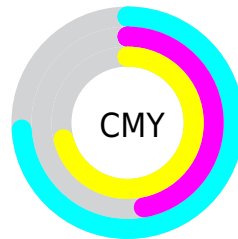


Cyan (51%)

Magenta (0%)

Yellow (45%)

Black (47%)



Cyan (74%)

Magenta (47%)

Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 44.295, 143.864 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, 44.295, 143.864 by changing the saturation by 10% instead.

 51, 44.295,
143.864

 51, 44.295,
143.864

 100, 44.295,
143.864

 41, 44.295,
143.864


 71, 44.295,
143.864

 31, 44.295,
143.864

 81, 44.295,
143.864

 21, 44.295,
143.864

 91, 44.295,
143.864

 11, 44.295,
143.864

 1, 44.295, 143.864

 0, 44.295, 143.864

■ 51, 44.295,
143.864

■ 51, 44.295,
143.864

■ 50, 51.918,
142.634

■ 52, 36.110,
144.961

■ 50, 58.762,
141.295

■ 53, 27.560,
145.921

■ 49, 64.602,
139.900

■ 54, 18.815,
146.755

■ 49, 69.225,
138.540

■ 55, 10.017,
147.480

■ 49, 72.204,
137.623

■ 56, 1.275, 148.244

■ 58, 7.329, 328.573

■ 60, 15.739,
329.047

■ 61, 23.919,
329.449

■ 63, 31.848,
329.798

Harmonies

Complementary

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



51, 44.295, 143.864



39, 44.056, 331.153

Rectangle

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



51, 44.295, 143.864



51, 44.295, 193.864



51, 44.295, 323.864



51, 44.295, 13.864

Sweetspot

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



51, 44.296, 143.864



69, 16.189, 147.212



55, 38.767, 110.913



36, 11.139, 147.080



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, 44.296, 143.864



64, 64.340, 142.391



52, 29.880, 165.023



28, 4.968, 147.636



48, 70.840, 137.656



1, 2.297, 148.159

Inverse Universe

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



39, 44.056, 331.153



47, 63.284, 331.840



38, 33.112, 356.653



27, 4.980, 328.649



30, 64.475, 333.934



0, 2.298, 328.154

Previews

White Background



This preview shows how the CIELCh color 51, 44.295, 143.864 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, 44.295, 143.864 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, 44.295, 143.864

Background



This preview shows how black text looks on a background with the CIELCh color 51, 44.295, 143.864.



This preview shows how white text looks on a background with the CIELCh color 51, 44.295, 143.864.

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, 44.295, 143.864

Protanopia

51, 30.209, 95.695

Deuteranopia

51, 24.987, 75.291



Tritanopia
51, 17.119, 217.964

Trichromacy



Original Color
51, 44.295, 143.864

Protanomaly
50, 32.079, 119.768

Deuteranomaly
50, 25.948, 113.689

Tritanomaly
51, 22.680, 172.743

Monochromacy



Original Color
51, 44.295, 143.864

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, 44.295, 143.864 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, 75)` looks like.

```
.text, #text, p{  
    color:rgb(66, 136, 75)  
}
```

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, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 136, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 44.295, 143.864 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, 75) }
```

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

```
.border{ border-color:rgb(66, 136, 75) }
```

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, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 136, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 136, 75);  
box-shadow:4px 4px 4px 4px rgb(66, 136,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 44.295, 143.864 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, 75) }
```

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

```
.background{ background-color: rgb(66, 136,  
75) }
```

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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