

Converting Colors

CIELCh(43, 29.586, 141.898)

Have a look what the booklet for
CIELCh(43, 29.586, 141.898)
contains.

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Color

CIELCh(43, 29.855, 141.894)

Conversions

Conversions Part 1

Format	Color
Hex	466F46
RGB	70, 111, 70
RGB Percent	27%, 44%, 27%
CMY	0.7249, 0.5640, 0.7249
CMYK	0.37, 0.00, 0.37, 0.56
HSL	120°, 23%, 36%
HSV	120°, 37%, 44%
XYZ	9.3506, 13.1578, 7.8669
YIQ	94.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

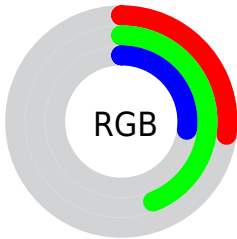
Format	Color
R_{YB}	70, 111, 111
Decimal	4616006
CIE _{Lab}	43.00, -23.49, 18.42
CIE _{LCh}	43, 29.855, 141.894
Yxy	13.1578, 0.3078, 0.4332
Android (android.graphics.Color)	4282806086 (0xFF466F46)
YUV	94.0670, -11.8650, -21.1068
Hunter-Lab	36.2736, -17.4652, 12.5329

Details

The CIELCh color **43, 29.855, 141.894** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **36, 29.828, 326.315**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 29.767, 142.100**, and **23, 29.889, 142.108** is the 20% darker color. If you saturate the color by 10%, you get **42, 37.589, 140.952**, and if you desaturate by 10%, it is **44, 21.838, 142.729**.

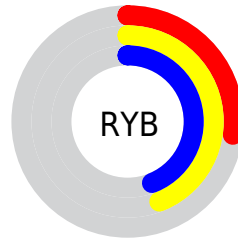
Distribution



Red (27%)

Green (44%)

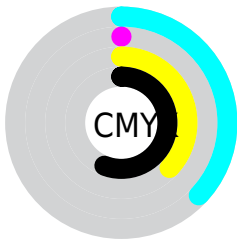
Blue (27%)



Red (27%)

Yellow (44%)

Blue (44%)

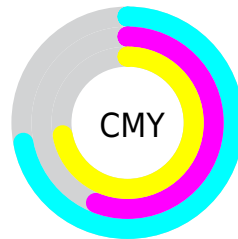


Cyan (37%)

Magenta (0%)

Yellow (37%)

Black (56%)



Cyan (72%)

Magenta (56%)

Yellow (72%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 29.855, 141.894 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, 29.855, 141.894 by changing the saturation by 10% instead.


 43, 29.855,
141.894


 43, 29.855,
141.894


 100, 29.855,
141.894

 33, 29.855,
141.894

 63, 29.855,
141.894


 23, 29.855,
141.894

 73, 29.855,
141.894

 13, 29.855,
141.894

 83, 29.855,
141.894

 3, 29.855, 141.894

 93, 29.855,
141.894

 0, 29.855, 141.894

 43, 29.855,

 43, 29.855,

141.894

141.894

■ 42, 37.589,
140.952

■ 44, 21.838,
142.729

■ 42, 44.834,
139.920

■ 45, 13.697,
143.456

■ 41, 51.349,
138.842

■ 46, 5.556, 144.094

■ 41, 56.850,
137.802

■ 47, 2.492, 324.526

■ 40, 61.043,
136.918

■ 49, 10.384,
325.029

■ 40, 64.025,
136.237

■ 50, 18.078,
325.421

■ 40, 64.954,
136.015

■ 52, 25.546,
325.752

■ 53, 32.778,
326.034

■ 55, 39.770,
326.276

Harmonies

Complementary

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



43, 29.855, 141.894



36, 29.828, 326.315

Rectangle

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



43, 29.855, 141.894



43, 29.855, 191.894



43, 29.855, 321.894



43, 29.855, 11.894

Sweetspot

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



43, 29.856, 141.894



59, 11.082, 143.821



46, 23.527, 106.089



30, 7.508, 143.757



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, 29.856, 141.894



55, 44.033, 141.120



43, 20.807, 159.453



23, 4.575, 143.963



43, 68.533, 136.015



85, 117.045, 136.016

Inverse Universe

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



36, 29.828, 326.315



44, 43.911, 326.704



35, 21.629, 346.052



22, 4.583, 324.882



28, 66.124, 328.227



59, 112.931, 328.227

Previews

White Background



This preview shows how the CIELCh color 43, 29.855, 141.894 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, 29.855, 141.894 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, 29.855, 141.894

Background



This preview shows how black text looks on a background with the CIELCh color 43, 29.855, 141.894.



This preview shows how white text looks on a background with the CIELCh color 43, 29.855, 141.894.

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, 29.855, 141.894

Protanopia
43, 21.223, 95.651

Deuteranopia
43, 18.093, 71.845



Tritanopia
43, 10.950, 224.624

Trichromacy



Original Color
43, 29.855, 141.894

Protanomaly
43, 22.221, 117.545

Deuteranomaly
42, 17.842, 107.514

Tritanomaly
43, 14.068, 172.365

Monochromacy



Original Color
43, 29.855, 141.894

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 11.138, 143.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 29.855, 141.894 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(70, 111, 70)` looks like.

```
.text, #text, p{  
    color:rgb(70, 111, 70)  
}
```

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(70, 111, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 111, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 29.855, 141.894 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(70, 111, 70) }
```

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

```
.border{ border-color:rgb(70, 111, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 111, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 111, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 111, 70);  
box-shadow:4px 4px 4px 4px rgb(70, 111,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 29.855, 141.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 111, 70) }
```

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

```
.background{ background-color: rgb(70, 111,  
70) }
```

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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