

Converting Colors

CIELCh(43, 30.426, 137.743)

Have a look what the booklet for
CIELCh(43, 30.426, 137.743)
contains.

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Color

CIELCh(43, 30.435, 137.831)

Conversions

Conversions Part 1

Format	Color
Hex	4A6F43
RGB	74, 111, 67
RGB Percent	29%, 44%, 26%
CMY	0.7108, 0.5658, 0.7382
CMYK	0.33, 0.00, 0.40, 0.57
HSL	110°, 25%, 35%
HSV	110°, 40%, 43%
XYZ	9.4646, 13.1578, 7.3118
YIQ	94.9210, -7.9280, -21.5280

Conversions

Conversions Part 2

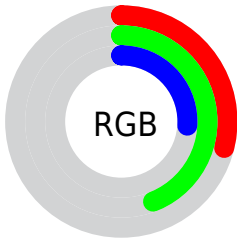
Format	Color
RYB	67, 111, 104
Decimal	4878147
CIELab	43.00, -22.56, 20.43
CIElCh	43, 30.435, 137.831
Yxy	13.1578, 0.3162, 0.4396
Android (android.graphics.Color)	4283068227 (0xFF4A6F43)
YUV	94.9210, -13.7651, -18.3477
Hunter-Lab	36.2736, -16.9040, 13.4403

Details

The CIELCh color $43, 30.435, 137.831$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $34, 30.805, 321.720$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 30.323, 138.162$, and $23, 30.324, 137.807$ is the 20% darker color. If you saturate the color by 10%, you get $42, 37.769, 137.134$, and if you desaturate by 10%, it is $44, 22.852, 138.483$.

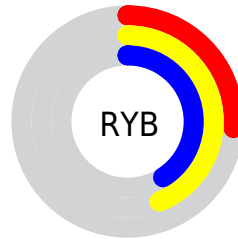
Distribution



Red (29%)

Green (44%)

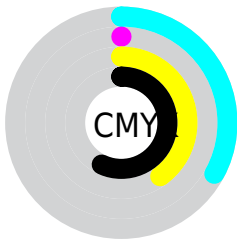
Blue (26%)



Red (26%)

Yellow (44%)

Blue (41%)

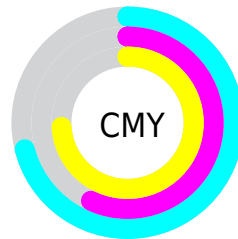


Cyan (33%)

Magenta (0%)

Yellow (40%)

Black (57%)



Cyan (71%)


Magenta (57%)


Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 30.435, 137.831 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, 30.435, 137.831 by changing the saturation by 10% instead.


 43, 30.435,
137.831


 43, 30.435,
137.831


 100, 30.435,
137.831


 33, 30.435,
137.831

 63, 30.435,
137.831


 23, 30.435,
137.831

 73, 30.435,
137.831

 13, 30.435,
137.831

 83, 30.435,
137.831

 3, 30.435, 137.831

 93, 30.435,
137.831

 0, 30.435, 137.831

 43, 30.435,

 43, 30.435,

137.831

137.831

■ 42, 37.769,
137.134

■ 44, 22.852,
138.483

■ 42, 44.675,
136.424

■ 45, 15.153,
139.073

■ 41, 50.928,
135.763

■ 46, 7.437, 139.603

■ 41, 56.248,
135.242

■ 47, 0.220, 319.390

■ 48, 7.765, 320.413

■ 41, 60.341,
134.975

■ 49, 15.162,
320.760

■ 40, 63.538,
134.705

■ 50, 22.387,
321.055

■ 40, 63.627,
134.690

■ 52, 29.424,
321.305

■ 53, 36.269,

Harmonies

Complementary

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



43, 30.435, 137.831



34, 30.805, 321.720

Rectangle

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



43, 30.435, 137.831



43, 30.435, 187.831



43, 30.435, 317.831



43, 30.435, 7.831

Sweetspot

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



43, 30.436, 137.832



58, 11.329, 139.470



44, 21.936, 98.046



29, 7.465, 139.425



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 30.436, 137.832



54, 44.945, 137.168



43, 25.108, 152.369



23, 4.349, 139.638



44, 67.391, 134.770



86, 115.797, 135.229

Inverse Universe

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



34, 30.805, 321.720



41, 45.540, 322.076



34, 25.489, 338.592



22, 4.368, 320.394



24, 66.958, 322.385



52, 114.481, 322.067

Previews

White Background



This preview shows how the CIE LCh color 43, 30.435, 137.831 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 CIELCh color 43, 30.435, 137.831 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, 30.435, 137.831

Background



This preview shows how black text looks on a background with the CIELCh color 43, 30.435, 137.831.



This preview shows how white text looks on a background with the CIELCh color 43, 30.435, 137.831.

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, 30.435, 137.831

Protanopia

43, 22.928, 96.173

Deuteranopia

43, 19.894, 73.351



Tritanopia
43, 10.007, 231.534

Trichromacy



Original Color
43, 30.435, 137.831

Protanomaly
43, 24.387, 115.278

Deuteranomaly
43, 19.610, 104.567

Tritanomaly
43, 12.785, 169.758

Monochromacy



Original Color
43, 30.435, 137.831

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 11.392, 140.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 30.435, 137.831 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(74, 111, 67)` looks like.

```
.text, #text, p{  
    color:rgb(74, 111, 67)  
}
```

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(74, 111, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 111, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 30.435, 137.831 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(74, 111, 67) }
```

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

```
.border{ border-color:rgb(74, 111, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 111, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 111, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 111, 67);  
box-shadow:4px 4px 4px 4px rgb(74, 111,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 30.435, 137.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 111, 67) }
```

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

```
.background{ background-color: rgb(74, 111,  
67) }
```

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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