

Converting Colors

CIELCh(43, 34.128, 132.574)

Have a look what the booklet for
CIELCh(43, 34.128, 132.574)
contains.

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Color

CIELCh(43, 33.989, 132.699)

Conversions

Conversions Part 1

Format	Color
Hex	4C6F3B
RGB	76, 111, 59
RGB Percent	30%, 44%, 23%
CMY	0.7029, 0.5656, 0.7695
CMYK	0.32, 0.00, 0.47, 0.57
HSL	100°, 31%, 33%
HSV	100°, 47%, 43%
XYZ	9.4045, 13.1578, 6.1520
YIQ	94.6070, -4.1680, -23.5920

Conversions

Conversions Part 2

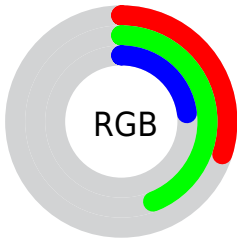
Format	Color
RYB	59, 111, 94
Decimal	5009211
CIELab	43.00, -23.05, 24.98
CIELCh	43, 33.989, 132.699
Yxy	13.1578, 0.3275, 0.4582
Android (android.graphics.Color)	4283199291 (0xFF4C6F3B)
YUV	94.6070, -17.5543, -16.3183
Hunter-Lab	36.2736, -17.2001, 15.3360

Details

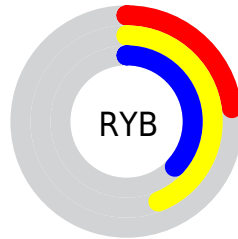
The CIELCh color **43, 33.989, 132.699** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **31, 35.260, 316.773**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 34.256, 132.884**, and **23, 34.204, 132.773** is the 20% darker color. If you saturate the color by 10%, you get **42, 40.747, 132.219**, and if you desaturate by 10%, it is **44, 26.922, 133.209**.

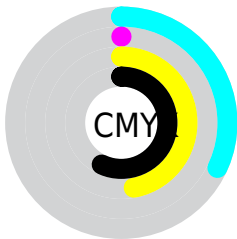
Distribution



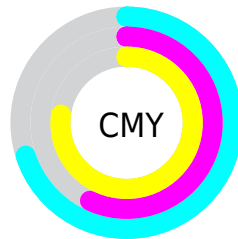
- Red (30%)
- Green (44%)
- Blue (23%)



- Red (23%)
- Yellow (44%)
- Blue (37%)



- Cyan (32%)
- Magenta (0%)
- Yellow (47%)
- Black (57%)





- Cyan (70%)
- Magenta (57%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 33.989, 132.699 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, 33.989, 132.699 by changing the saturation by 10% instead.


 43, 33.989,
132.699


 43, 33.989,
132.699


 100, 33.989,
132.699


 33, 33.989,
132.699

 63, 33.989,
132.699


 23, 33.989,
132.699

 73, 33.989,
132.699

 13, 33.989,
132.699

 83, 33.989,
132.699

 3, 33.989, 132.699

 93, 33.989,
132.699

 0, 33.989, 132.699

 43, 33.989,

 43, 33.989,

132.699

■ 42, 40.747,
132.219

■ 42, 47.006,
131.826

■ 41, 52.523,
131.609

■ 41, 57.017,
131.675

■ 41, 60.499,
131.970

■ 41, 61.551,
131.993

132.699

■ 44, 26.922,
133.209

■ 44, 19.679,
133.710

■ 45, 12.361,
134.184

■ 46, 5.041, 134.629

■ 47, 2.230, 314.945

■ 48, 9.413, 315.330

■ 49, 16.482,
315.640

■ 50, 23.419,
315.909

■ 51, 30.212,

Harmonies

Complementary

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



43, 33.989, 132.699



31, 35.260, 316.773

Rectangle

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



43, 33.989, 132.699



43, 33.989, 182.699



43, 33.989, 312.699



43, 33.989, 2.699

Sweetspot

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



43, 33.990, 132.700



58, 12.580, 134.301



41, 22.533, 85.286



29, 8.629, 134.226



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, 33.990, 132.700



54, 49.325, 132.196



42, 33.452, 145.654



23, 4.138, 134.537



44, 65.203, 132.115



86, 112.375, 132.877

Inverse Universe

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



31, 35.260, 316.773



37, 51.533, 317.126



33, 33.425, 332.194



22, 4.173, 315.217



20, 68.705, 316.903



45, 117.745, 316.352

Previews

White Background



This preview shows how the CIELCh color 43, 33.989, 132.699 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, 33.989, 132.699 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, 33.989, 132.699

Background



This preview shows how black text looks on a background with the CIELCh color 43, 33.989, 132.699.



This preview shows how white text looks on a background with the CIELCh color 43, 33.989, 132.699.

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

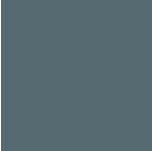
43, 33.989, 132.699

Protanopia

43, 27.491, 96.101

Deuteranopia

43, 24.295, 77.594



Tritanopia
43, 8.848, 231.786

Trichromacy



Original Color
43, 33.989, 132.699

Protanomaly
43, 28.743, 112.502

Deuteranomaly
43, 24.227, 103.232

Tritanomaly
43, 13.320, 158.691

Monochromacy



Original Color
43, 33.989, 132.699

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 12.797, 134.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 33.989, 132.699 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(76, 111, 59)` looks like.

```
.text, #text, p{  
    color:rgb(76, 111, 59)  
}
```

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(76, 111, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 111, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 33.989, 132.699 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(76, 111, 59) }
```

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

```
.border{ border-color:rgb(76, 111, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 111, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 111, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 111, 59);  
box-shadow:4px 4px 4px 4px rgb(76, 111,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 33.989, 132.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 111, 59) }
```

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

```
.background{ background-color: rgb(76, 111,  
59) }
```

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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