

Converting Colors

CIELCh(43, 34.949, 135.481)

Have a look what the booklet for
CIELCh(43, 34.949, 135.481)
contains.

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Color

CIELCh(43, 34.300, 135.389)

Conversions

Conversions Part 1

Format	Color
Hex	486F3C
RGB	72, 111, 60
RGB Percent	28%, 44%, 24%
CMY	0.7164, 0.5634, 0.7635
CMYK	0.35, 0.00, 0.46, 0.56
HSL	106°, 30%, 34%
HSV	106°, 46%, 44%
XYZ	9.2385, 13.1578, 6.3687
YIQ	93.5250, -6.8730, -24.1290

Conversions

Conversions Part 2

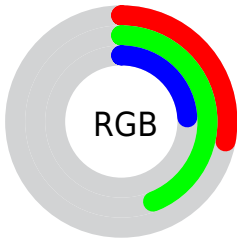
Format	Color
RYB	60, 111, 99
Decimal	4747068
CIELab	43.00, -24.42, 24.09
CIELCh	43, 34.300, 135.389
Yxy	13.1578, 0.3212, 0.4574
Android (android.graphics.Color)	4282937148 (0xFF486F3C)
YUV	93.5250, -16.5278, -18.8774
Hunter-Lab	36.2736, -18.0167, 14.9817

Details

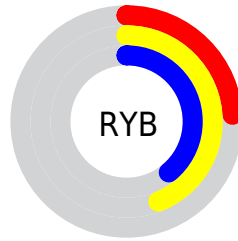
The CIELCh color $43, 34.300, 135.389$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $32, 35.090, 319.590$, and the grayscale version is $40, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 34.524, 135.480$, and $23, 34.562, 135.134$ is the 20% darker color. If you saturate the color by 10%, you get $42, 41.299, 134.796$, and if you desaturate by 10%, it is $44, 26.981, 135.981$.

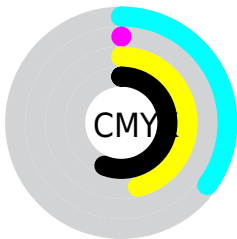
Distribution



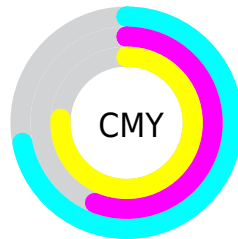
- Red (28%)
- Green (44%)
- Blue (24%)



- Red (24%)
- Yellow (44%)
- Blue (39%)



- Cyan (35%)
- Magenta (0%)
- Yellow (46%)
- Black (56%)




- Cyan (72%)
- Magenta (56%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 34.300, 135.389 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, 34.300, 135.389 by changing the saturation by 10% instead.


 43, 34.300,
135.389

 43, 34.300,
135.389


 100, 34.300,
135.389

 33, 34.300,
135.389

 63, 34.300,
135.389

 23, 34.300,
135.389

 73, 34.300,
135.389

 13, 34.300,
135.389

 83, 34.300,
135.389

 3, 34.300, 135.389

 93, 34.300,
135.389

 0, 34.300, 135.389

 43, 34.300,

 43, 34.300,

135.389

135.389

■ 42, 41.299,
134.796

■ 44, 26.981,
135.981

■ 42, 47.782,
134.253

■ 45, 19.486,
136.541

■ 41, 53.498,
133.843

■ 45, 11.922,
137.054

■ 41, 58.156,
133.674

■ 46, 4.371, 137.529

■ 41, 61.660,
133.745

■ 47, 3.109, 317.859

■ 41, 63.043,
133.678

■ 49, 10.479,
318.240

■ 50, 17.708,
318.550

■ 51, 24.779,
318.815

■ 52, 31.681,
319.043

Harmonies

Complementary

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



43, 34.300, 135.389



32, 35.090, 319.590

Rectangle

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



43, 34.300, 135.389



43, 34.300, 185.389



43, 34.300, 315.389



43, 34.300, 5.389

Sweetspot

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



43, 34.301, 135.390



59, 13.110, 137.125



42, 23.596, 91.844



30, 9.127, 137.042



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, 34.301, 135.390



55, 50.575, 134.759



43, 30.871, 148.553



23, 4.249, 137.379



44, 66.531, 133.772



86, 114.514, 134.382

Inverse Universe

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



32, 35.090, 319.590



38, 51.898, 319.932



33, 31.035, 335.405



22, 4.275, 318.087



22, 67.659, 319.775



49, 115.792, 319.335

Previews

White Background



This preview shows how the CIELCh color 43, 34.300, 135.389 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, 34.300, 135.389 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, 34.300, 135.389

Background



This preview shows how black text looks on a background with the CIELCh color 43, 34.300, 135.389.



This preview shows how white text looks on a background with the CIELCh color 43, 34.300, 135.389.

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, 34.300, 135.389

Protanopia

43, 26.387, 95.887

Deuteranopia

43, 23.254, 76.470



Tritanopia
43, 10.298, 230.465

Trichromacy



Original Color
43, 34.300, 135.389

Protanomaly
43, 27.713, 113.837

Deuteranomaly
42, 23.065, 104.413

Tritanomaly
43, 14.157, 164.157

Monochromacy



Original Color
43, 34.300, 135.389

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 12.464, 137.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 34.300, 135.389 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(72, 111, 60)` looks like.

```
.text, #text, p{  
    color:rgb(72, 111, 60)  
}
```

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(72, 111, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 111, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 34.300, 135.389 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(72, 111, 60) }
```

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

```
.border{ border-color:rgb(72, 111, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 111, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 111, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 111, 60);  
box-shadow:4px 4px 4px 4px rgb(72, 111,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 34.300, 135.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 111, 60) }
```

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

```
.background{ background-color: rgb(72, 111,  
60) }
```

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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