

Converting Colors

CIELCh(43, 24.251, 144.434)

Have a look what the booklet for
CIELCh(43, 24.251, 144.434)
contains.

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Color

CIELCh(43, 24.131, 144.680)

Conversions

Conversions Part 1

Format	Color
Hex	4B6E4E
RGB	75, 110, 78
RGB Percent	29%, 43%, 31%
CMY	0.7064, 0.5692, 0.6947
CMYK	0.32, 0.00, 0.29, 0.57
HSL	125°, 19%, 36%
HSV	125°, 32%, 43%
XYZ	9.8204, 13.1578, 9.2035
YIQ	95.8870, -10.5880, -17.3720

Conversions

Conversions Part 2

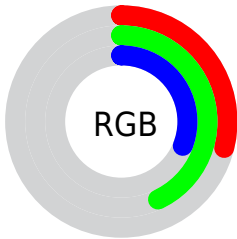
Format	Color
RYB	75, 107, 110
Decimal	4943438
CIELab	43.00, -19.69, 13.95
CIElCh	43, 24.131, 144.680
Yxy	13.1578, 0.3052, 0.4089
Android (android.graphics.Color)	4283133518 (0xFF4B6E4E)
YUV	95.8870, -8.8183, -18.3179
Hunter-Lab	36.2736, -15.1534, 10.3482

Details

The CIELCh color $43, 24.131, 144.680$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $37, 24.148, 328.577$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 24.333, 144.435$, and $23, 24.166, 144.056$ is the 20% darker color. If you saturate the color by 10%, you get $42, 31.533, 143.763$, and if you desaturate by 10%, it is $44, 16.565, 145.480$.

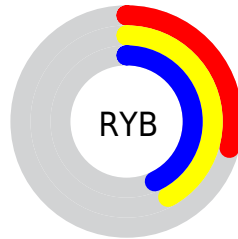
Distribution



 Red (29%)

 Green (43%)

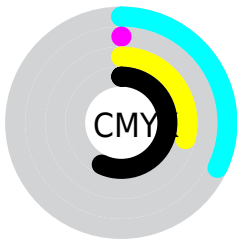
 Blue (31%)



 Red (29%)

 Yellow (42%)

 Blue (43%)

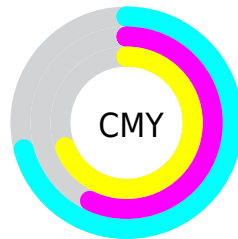


 Cyan (32%)


 Magenta (0%)

 Yellow (29%)

 Black (57%)



 Cyan (71%)

 Magenta (57%)

 Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 24.131, 144.680 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, 24.131, 144.680 by changing the saturation by 10% instead.

 43, 24.131,
144.680


 43, 24.131,
144.680


 100, 24.131,
144.680

 33, 24.131,
144.680

 63, 24.131,
144.680


 23, 24.131,
144.680


 73, 24.131,
144.680

 13, 24.131,
144.680

 83, 24.131,
144.680

 3, 24.131, 144.680

 93, 24.131,
144.680

 0, 24.131, 144.680

 43, 24.131,

 43, 24.131,

144.680

144.680

■ 42, 31.533,
143.763

■ 44, 16.565,
145.480

■ 41, 38.620,
142.722

■ 45, 8.952, 146.176

■ 41, 45.218,
141.568

■ 46, 1.388, 146.876

■ 47, 6.060, 327.225

■ 40, 51.130,
140.332

■ 49, 13.343,
327.679

■ 40, 56.144,
139.077

■ 50, 20.431,
328.062

■ 40, 60.052,
137.903

■ 52, 27.305,
328.392

■ 40, 62.472,
137.276

■ 53, 33.958,
328.680

■ 55, 40.391,

Harmonies

Complementary

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



43, 24.131, 144.680



37, 24.148, 328.577

Rectangle

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



43, 24.131, 144.680



43, 24.131, 194.680



43, 24.131, 324.680



43, 24.131, 14.680

Sweetspot

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



43, 24.132, 144.680



58, 9.354, 146.279



45, 20.556, 110.927



29, 6.341, 146.211



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, 24.132, 144.680



55, 35.575, 144.035



43, 16.523, 165.479



23, 4.313, 146.359



43, 66.660, 137.159



85, 115.444, 136.583

Inverse Universe

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



37, 24.148, 328.577



45, 35.552, 328.967



36, 17.462, 351.468



22, 4.322, 327.307



27, 61.972, 331.822



57, 105.448, 332.047

Previews

White Background



This preview shows how the CIELCh color 43, 24.131, 144.680 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, 24.131, 144.680 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, 24.131, 144.680

Background



This preview shows how black text looks on a background with the CIELCh color 43, 24.131, 144.680.



This preview shows how white text looks on a background with the CIELCh color 43, 24.131, 144.680.

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, 24.131, 144.680

Protanopia

43, 16.527, 94.998

Deuteranopia

43, 13.632, 64.469



Tritanopia
43, 10.007, 231.534

Trichromacy



Original Color
43, 24.131, 144.680

Protanomaly
43, 17.517, 117.910

Deuteranomaly
43, 13.135, 108.224

Tritanomaly
43, 11.640, 179.889

Monochromacy



Original Color
43, 24.131, 144.680

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 9.130, 145.857

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 24.131, 144.680 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(75, 110, 78)` looks like.

```
.text, #text, p{  
    color:rgb(75, 110, 78)  
}
```

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(75, 110, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 110, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 24.131, 144.680 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(75, 110, 78) }
```

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

```
.border{ border-color:rgb(75, 110, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 110, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 110, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 110, 78);  
box-shadow:4px 4px 4px 4px rgb(75, 110,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 24.131, 144.680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 110, 78) }
```

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

```
.background{ background-color: rgb(75, 110,  
78) }
```

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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