

Converting Colors

CIELCh(43, 25.736, 141.481)

Have a look what the booklet for
CIELCh(43, 25.736, 141.481)
contains.

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Color

CIELCh(43, 25.850, 140.943)

Conversions

Conversions Part 1

Format	Color
Hex	4C6E4A
RGB	76, 110, 74
RGB Percent	30%, 43%, 29%
CMY	0.7023, 0.5690, 0.7101
CMYK	0.31, 0.00, 0.33, 0.57
HSL	117°, 20%, 36%
HSV	117°, 33%, 43%
XYZ	9.7723, 13.1578, 8.4878
YIQ	95.7300, -8.7080, -18.4040

Conversions

Conversions Part 2

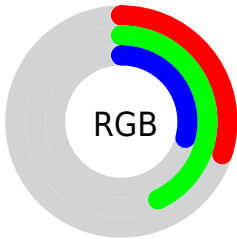
Format	Color
RYB	74, 110, 108
Decimal	5008970
CIELab	43.00, -20.07, 16.29
CIELCh	43, 25.850, 140.943
Yxy	13.1578, 0.3110, 0.4188
Android (android.graphics.Color)	4283199050 (0xFF4C6E4A)
YUV	95.7300, -10.7129, -17.3032
Hunter-Lab	36.2736, -15.3901, 11.5180

Details

The CIELCh color $43, 25.850, 140.943$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $36, 25.929, 324.513$, and the grayscale version is $41, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 25.957, 140.961$, and $23, 25.708, 141.532$ is the 20% darker color. If you saturate the color by 10%, you get $42, 33.544, 140.135$, and if you desaturate by 10%, it is $44, 17.973, 141.662$.

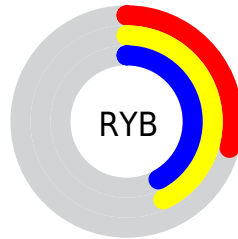
Distribution



Red (30%)

Green (43%)

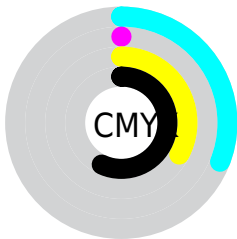
Blue (29%)



Red (29%)

Yellow (43%)

Blue (42%)

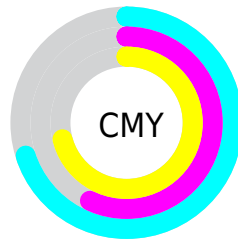


Cyan (31%)

Magenta (0%)

Yellow (33%)

Black (57%)



Cyan (70%)


Magenta (57%)


Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 25.850, 140.943 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, 25.850, 140.943 by changing the saturation by 10% instead.


 43, 25.850,
140.943


 43, 25.850,
140.943


 100, 25.850,
140.943


 33, 25.850,
140.943

 63, 25.850,
140.943


 23, 25.850,
140.943

 73, 25.850,
140.943

 13, 25.850,
140.943

 83, 25.850,
140.943

 3, 25.850, 140.943

 93, 25.850,
140.943

 0, 25.850, 140.943

 43, 25.850,

 43, 25.850,

140.943

■ 42, 33.544,
140.135

■ 42, 40.884,
139.249

■ 41, 47.660,
138.322

■ 41, 53.615,
137.419

■ 40, 58.455,
136.644

■ 40, 61.927,
136.099

■ 40, 64.057,
135.591

140.943

■ 44, 17.973,
141.662

■ 45, 10.039,
142.293

■ 46, 2.147, 142.889

■ 47, 5.632, 323.249

■ 49, 13.248,
323.660

■ 50, 20.671,
324.001

■ 52, 27.883,
324.291

■ 53, 34.874,
324.538

■ 55, 41.644,
324.750

Harmonies

Complementary

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



43, 25.850, 140.943



36, 25.929, 324.513

Rectangle

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



43, 25.850, 140.943



43, 25.850, 190.943



43, 25.850, 320.943



43, 25.850, 10.943

Sweetspot

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



43, 25.851, 140.943



58, 9.745, 142.438



45, 19.800, 104.178



29, 6.607, 142.378



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, 25.851, 140.943



55, 38.014, 140.362



43, 19.106, 157.456



23, 4.494, 142.510



43, 68.172, 135.631



85, 116.781, 135.852

Inverse Universe

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



36, 25.929, 324.513



45, 38.114, 324.841



36, 19.618, 342.896



22, 4.505, 323.363



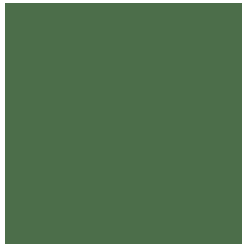
26, 66.314, 326.139



56, 113.278, 326.021

Previews

White Background



This preview shows how the CIE LCh color 43, 25.850, 140.943 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, 25.850, 140.943 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, 25.850, 140.943

Background



This preview shows how black text looks on a background with the CIELCh color 43, 25.850, 140.943.



This preview shows how white text looks on a background with the CIELCh color 43, 25.850, 140.943.

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, 25.850, 140.943

Protanopia

43, 18.834, 96.108

Deuteranopia

43, 15.826, 68.745



Tritanopia
43, 9.448, 229.393

Trichromacy



Original Color
43, 25.850, 140.943

Protanomaly
43, 19.813, 116.461

Deuteranomaly
43, 15.501, 106.205

Tritanomaly
43, 11.832, 173.940

Monochromacy



Original Color
43, 25.850, 140.943

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 9.387, 141.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 25.850, 140.943 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, 110, 74)` looks like.

```
.text, #text, p{  
    color:rgb(76, 110, 74)  
}
```

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, 110, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 110, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 25.850, 140.943 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, 110, 74) }
```

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

```
.border{ border-color:rgb(76, 110, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 110, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 110, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 110, 74);  
box-shadow:4px 4px 4px 4px rgb(76, 110,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 25.850, 140.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 110, 74) }
```

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

```
.background{ background-color: rgb(76, 110,  
74) }
```

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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