

Converting Colors

CIELCh(30, 17.107, 143.883)

Have a look what the booklet for
CIELCh(30, 17.107, 143.883)
contains.

CIELCh(30, 16.643, 143.898)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(30, 16.643, 143.898)

Conversions

Conversions Part 1

Format	Color
Hex	364C37
RGB	54, 76, 55
RGB Percent	21%, 30%, 22%
CMY	0.7881, 0.7018, 0.7842
CMYK	0.29, 0.00, 0.28, 0.70
HSL	123°, 17%, 26%
HSV	123°, 29%, 30%
XYZ	4.8011, 6.2359, 4.5698
YIQ	67.0280, -6.3710, -11.1950

Conversions

Conversions Part 2

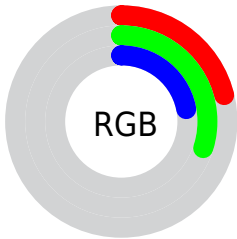
Format	Color
RYB	54, 75, 76
Decimal	3558455
CIELab	30.00, -13.45, 9.81
CIELCh	30, 16.643, 143.898
Yxy	6.2359, 0.3076, 0.3996
Android (android.graphics.Color)	4281748535 (0xFF364C37)
YUV	67.0280, -5.9298, -11.4256
Hunter-Lab	24.9718, -9.3823, 6.6303

Details

The CIELCh color **30, 16.643, 143.898** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **26, 16.653, 327.130**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 16.675, 144.402**, and **10, 16.624, 143.732** is the 20% darker color. If you saturate the color by 10%, you get **29, 22.326, 143.089**, and if you desaturate by 10%, it is **31, 10.879, 144.607**.

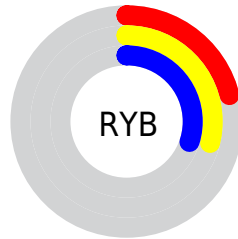
Distribution



 Red (21%)

 Green (30%)

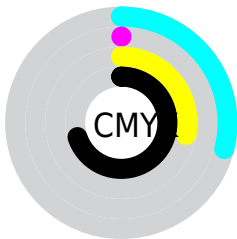
 Blue (22%)



 Red (21%)

 Yellow (29%)

 Blue (30%)

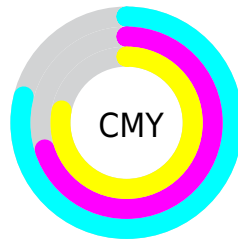


 Cyan (29%)

 Magenta (0%)

 Yellow (28%)

 Black (70%)



 Cyan (79%)


 Magenta (70%)


 Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 16.643, 143.898 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 30, 16.643, 143.898 by changing the saturation by 10% instead.


 30, 16.643,
143.898


 30, 16.643,
143.898

 100, 16.643,
143.898


 20, 16.643,
143.898


 50, 16.643,
143.898


 10, 16.643,
143.898

 60, 16.643,
143.898

 0, 16.643, 143.898

 70, 16.643,
143.898

 80, 16.643,
143.898

 90, 16.643,
143.898

■ 30, 16.643,
143.898

■ 30, 16.643,
143.898

■ 29, 22.326,
143.089

■ 31, 10.879,
144.607

■ 29, 27.826,
142.174

■ 32, 5.108, 145.231

■ 28, 33.026,
141.161

■ 32, 0.609, 325.511

■ 33, 6.229, 326.165

■ 28, 37.786,
140.074

■ 34, 11.722,
326.568

■ 28, 41.950,
138.964

■ 36, 17.070,
326.912

■ 27, 45.356,
137.922

■ 37, 22.261,
327.208

■ 27, 48.378,
137.109

■ 38, 27.291,
327.467

■ 27, 48.717,

137.013

■ 39, 32.161,
327.692

Harmonies

Complementary

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



30, 16.643, 143.898



26, 16.653, 327.130

Rectangle

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



30, 16.643, 143.898



30, 16.643, 193.898



30, 16.643, 323.898



30, 16.643, 13.898

Sweetspot

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



30, 16.644, 143.898



41, 6.427, 145.207



32, 13.785, 109.109



21, 4.505, 145.155



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



30, 16.644, 143.898



39, 25.094, 143.310



30, 11.552, 163.079



15, 3.205, 145.247



37, 60.042, 136.749



80, 109.852, 136.297

Inverse Universe

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



26, 16.653, 327.130



32, 25.086, 327.499



25, 11.999, 347.936



14, 3.212, 326.088



23, 57.018, 330.018



54, 102.932, 330.153

Previews

White Background



This preview shows how the CIELCh color 30, 16.643, 143.898 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 ✓ Pass

Black Background



This preview shows how the CIELCh color 30, 16.643, 143.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

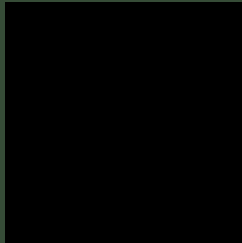
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 30, 16.643, 143.898

Background



This preview shows how black text looks on a background with the CIELCh color 30, 16.643, 143.898.

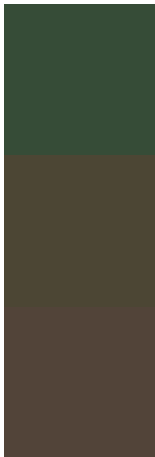


This preview shows how white text looks on a background with the CIELCh color 30, 16.643, 143.898.

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

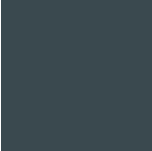
30, 16.643, 143.898

Protanopia

30, 11.815, 93.773

Deuteranopia

30, 9.775, 65.531



Tritanopia
30, 7.052, 231.848

Trichromacy



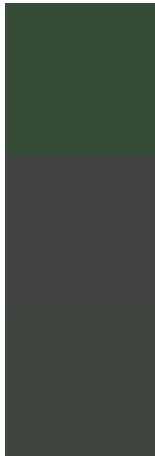
Original Color
30, 16.643, 143.898

Protanomaly
30, 12.192, 116.817

Deuteranomaly
30, 9.544, 105.529

Tritanomaly
30, 7.681, 178.700

Monochromacy



Original Color
30, 16.643, 143.898

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 5.777, 147.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 16.643, 143.898 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(54, 76, 55)` looks like.

```
.text, #text, p{  
    color:rgb(54, 76, 55)  
}
```

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(54, 76, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 76, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 16.643, 143.898 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(54, 76, 55) }
```

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

```
.border{ border-color:rgb(54, 76, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 76, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 76, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 76, 55);  
box-shadow:4px 4px 4px 4px rgb(54, 76, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 16.643, 143.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 76, 55) }
```

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

```
.background{ background-color: rgb(54, 76,  
55) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor