

Converting Colors

CIELCh(41, 44.485, 140.513)

Have a look what the booklet for
CIELCh(41, 44.485, 140.513)
contains.

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Color

CIELCh(41, 44.458, 140.566)

Conversions

Conversions Part 1

Format	Color
Hex	2E6E30
RGB	46, 110, 48
RGB Percent	18%, 43%, 19%
CMY	0.8210, 0.5699, 0.8129
CMYK	0.58, 0.00, 0.57, 0.57
HSL	122°, 41%, 30%
HSV	122°, 58%, 43%
XYZ	7.1787, 11.8645, 4.6757
YIQ	83.7960, -18.2420, -32.8500

Conversions

Conversions Part 2

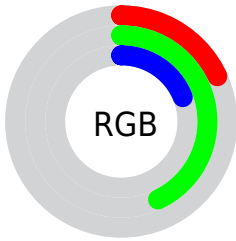
Format	Color
R_{YB}	46, 108, 110
Decimal	3042864
CIE _{Lab}	41.00, -34.34, 28.24
CIE _{LCh}	41, 44.458, 140.566
Yxy	11.8645, 0.3027, 0.5002
Android (android.graphics.Color)	4281232944 (0xFF2E6E30)
YUV	83.7960, -17.6474, -33.1471
Hunter-Lab	34.4449, -23.0770, 16.0632




Details

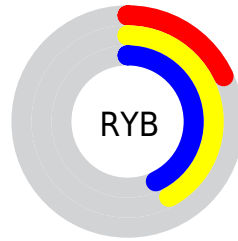
The CIELCh color **41, 44.458, 140.566** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **30, 44.052, 328.227**, and the grayscale version is **36, 0.005, 296.813**.




A 20% lighter version of the original color is **61, 44.282, 140.744**, and **21, 42.020, 137.382** is the 20% darker color. If you saturate the color by 10%, you get **41, 50.734, 139.434**, and if you desaturate by 10%, it is **42, 37.484, 141.638**.

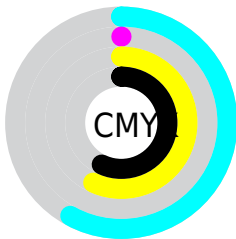
Distribution







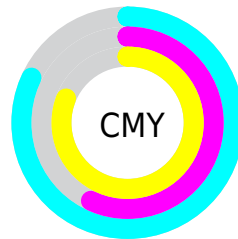
-  Red (18%)
-  Green (43%)
-  Blue (19%)






-  Red (18%)
-  Yellow (42%)
-  Blue (43%)



-  Cyan (58%)
-  Magenta (0%)
-  Yellow (57%)
-  Black (57%)



-  Cyan (82%)
-  Magenta (57%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 44.458, 140.566 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 41, 44.458, 140.566 by changing the saturation by 10% instead.

 41, 44.458,
140.566

 41, 44.458,
140.566

 100, 44.458,
140.566

 31, 44.458,
140.566

 61, 44.458,
140.566

 21, 44.458,
140.566

 71, 44.458,
140.566

 11, 44.458,
140.566

 81, 44.458,
140.566

 1, 44.458, 140.566

 91, 44.458,
140.566

 0, 44.458, 140.566

 41, 44.458,

 41, 44.458,

140.566

■ 41, 50.734,
139.434

■ 40, 56.059,
138.314

■ 40, 60.173,
137.314

■ 40, 63.121,
136.601

■ 40, 63.588,
136.495

140.566

■ 42, 37.484,
141.638

■ 42, 30.033,
142.609

■ 43, 22.295,
143.467

■ 44, 14.424,
144.215

■ 45, 6.541, 144.868

■ 47, 1.265, 325.254

■ 48, 8.927, 325.839

■ 49, 16.404,
326.248

■ 51, 23.668,

Harmonies

Complementary

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



41, 44.458, 140.566



30, 44.052, 328.227

Rectangle

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



41, 44.458, 140.566



41, 44.458, 190.566



41, 44.458, 320.566



41, 44.458, 10.566

Sweetspot

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



41, 44.458, 140.566



57, 17.545, 144.207



45, 36.290, 105.811



29, 12.114, 144.048



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 44.458, 140.566



52, 63.750, 139.034



42, 30.608, 158.492



23, 4.477, 144.828



43, 67.815, 136.449



85, 116.532, 136.196

Inverse Universe

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



30, 44.052, 328.227



37, 62.479, 328.746



29, 32.562, 350.909



22, 4.484, 325.756



27, 64.545, 329.497



58, 110.081, 329.572

Previews

White Background



This preview shows how the CIELCh color 41, 44.458, 140.566 looks on a white background.

Color Contrast Check

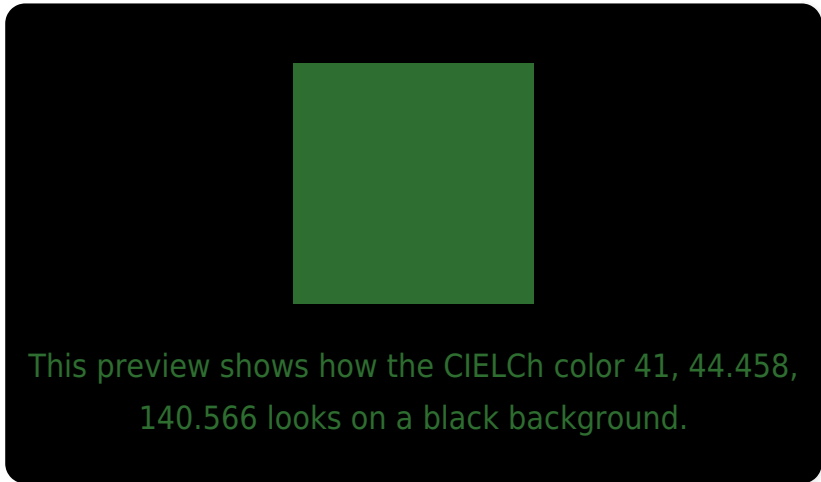
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 41, 44.458, 140.566

Background



This preview shows how black text looks on a background with the CIELCh color 41, 44.458, 140.566.



This preview shows how white text looks on a background with the CIELCh color 41, 44.458, 140.566.

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


41, 44.458, 140.566

Protanopia

41, 31.001, 95.423

Deuteranopia

41, 26.885, 78.338



Tritanopia
41, 15.310, 216.449

Trichromacy



Original Color
41, 44.458, 140.566

Protanomaly
40, 33.356, 118.302

Deuteranomaly
40, 27.835, 111.761

Tritanomaly
41, 21.814, 168.487

Monochromacy



Original Color
41, 44.458, 140.566

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 17.586, 143.971

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 44.458, 140.566 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(46, 110, 48)` looks like.

```
.text, #text, p{  
    color:rgb(46, 110, 48)  
}
```

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(46, 110, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 110, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 44.458, 140.566 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(46, 110, 48) }
```

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

```
.border{ border-color:rgb(46, 110, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 110, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 110, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 110, 48);  
box-shadow:4px 4px 4px 4px rgb(46, 110,  
48) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 44.458, 140.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 110, 48) }
```

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

```
.background{ background-color: rgb(46, 110,  
48) }
```

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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