

Converting Colors

CIELCh(41, 40.058, 147.868)

Have a look what the booklet for
CIELCh(41, 40.058, 147.868)
contains.

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Color

CIELCh(41, 40.357, 147.833)

Conversions

Conversions Part 1

Format	Color
Hex	276E3C
RGB	39, 110, 60
RGB Percent	15%, 43%, 24%
CMY	0.8479, 0.5693, 0.7653
CMYK	0.65, 0.00, 0.46, 0.57
HSL	138°, 48%, 29%
HSV	138°, 65%, 43%
XYZ	7.1966, 11.8645, 6.1629
YIQ	83.0710, -26.2660, -30.6020

Conversions

Conversions Part 2

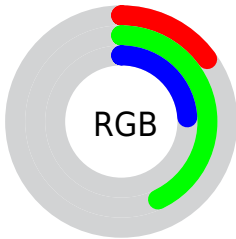
Format	Color
R_{YB}	39, 94, 110
Decimal	2584124
CIE _{Lab}	41.00, -34.16, 21.49
CIE _{LCh}	41, 40.357, 147.833
Yxy	11.8645, 0.2853, 0.4704
Android (android.graphics.Color)	4280774204 (0xFF276E3C)
YUV	83.0710, -11.3740, -38.6503
Hunter-Lab	34.4449, -22.9844, 13.5032

Details

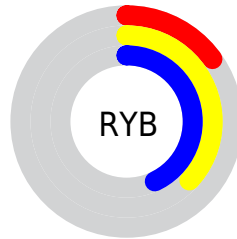
The CIELCh color $41, 40.357, 147.833$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $28, 40.195, 339.120$, and the grayscale version is $35, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 40.259, 147.922$, and $21, 36.643, 142.947$ is the 20% darker color. If you saturate the color by 10%, you get $41, 45.473, 146.311$, and if you desaturate by 10%, it is $42, 34.747, 149.189$.

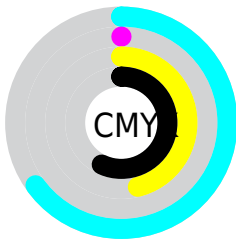
Distribution



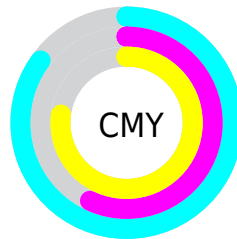
- Red (15%)
- Green (43%)
- Blue (24%)



- Red (15%)
- Yellow (37%)
- Blue (43%)



- Cyan (65%)
- Magenta (0%)
- Yellow (46%)
- Black (57%)




- Cyan (85%)
- Magenta (57%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 40.357, 147.833 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, 40.357, 147.833 by changing the saturation by 10% instead.


 41, 40.357,
147.833


 41, 40.357,
147.833


 100, 40.357,
147.833


 31, 40.357,
147.833

 61, 40.357,
147.833


 21, 40.357,
147.833

 71, 40.357,
147.833

 11, 40.357,
147.833

 81, 40.357,
147.833

 1, 40.357, 147.833

 91, 40.357,
147.833

 0, 40.357, 147.833

 41, 40.357,

 41, 40.357,

147.833

147.833

■ 41, 45.473,
146.311

■ 42, 34.747,
149.189

■ 40, 50.000,
144.633

■ 42, 28.748,
150.384

■ 40, 53.906,
142.873

■ 43, 22.476,
151.430

■ 40, 55.840,
142.052

■ 44, 16.035,
152.347

■ 45, 9.522, 153.155

■ 46, 3.015, 153.907

■ 47, 3.425, 334.392

■ 48, 9.751, 334.984

■ 50, 15.932,
335.486

Harmonies

Complementary

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



41, 40.357, 147.833



28, 40.195, 339.120

Rectangle

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



41, 40.357, 147.833



41, 40.357, 197.833



41, 40.357, 327.833



41, 40.357, 17.833

Sweetspot

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



41, 40.357, 147.833



57, 15.313, 152.776



43, 40.863, 117.852



29, 10.468, 152.599



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, 40.357, 147.833



52, 57.986, 145.419



42, 26.181, 175.465



23, 3.706, 153.578



44, 59.716, 141.841



86, 104.813, 140.654

Inverse Universe

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



28, 40.195, 339.120



34, 55.915, 340.831



27, 33.645, 11.766



22, 3.724, 334.675



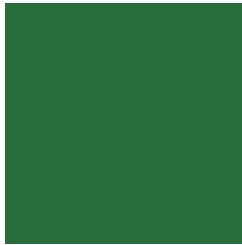
26, 53.321, 343.816



55, 90.111, 345.003

Previews

White Background



This preview shows how the CIELCh color 41, 40.357, 147.833 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 CIE LCh color 41, 40.357, 147.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

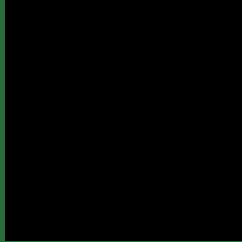
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 40.357, 147.833

Background



This preview shows how black text looks on a background with the CIELCh color 41, 40.357, 147.833.



This preview shows how white text looks on a background with the CIELCh color 41, 40.357, 147.833.

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, 40.357, 147.833

Protanopia
41, 24.899, 95.278

Deuteranopia
41, 20.341, 75.021



Tritanopia
41, 17.140, 214.189

Trichromacy



Original Color
41, 40.357, 147.833

Protanomaly
40, 27.445, 124.655

Deuteranomaly
40, 22.092, 120.040

Tritanomaly
41, 22.279, 175.903

Monochromacy



Original Color
41, 40.357, 147.833

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 15.702, 152.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 40.357, 147.833 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(39, 110, 60)` looks like.

```
.text, #text, p{  
    color:rgb(39, 110, 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(39, 110, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 110, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 40.357, 147.833 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(39, 110, 60) }
```

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

```
.border{ border-color:rgb(39, 110, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 110, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 110, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 110, 60);  
box-shadow:4px 4px 4px 4px rgb(39, 110,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 40.357, 147.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 110, 60) }
```

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

```
.background{ background-color: rgb(39, 110,  
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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