

Converting Colors

CIELCh(41, 41.468, 147.416)

Have a look what the booklet for
CIELCh(41, 41.468, 147.416)
contains.

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Color

CIELCh(41, 41.594, 147.274)

Conversions

Conversions Part 1

Format	Color
Hex	256E3A
RGB	37, 110, 58
RGB Percent	15%, 43%, 23%
CMY	0.8546, 0.5684, 0.7723
CMYK	0.66, 0.00, 0.47, 0.57
HSL	137°, 50%, 29%
HSV	137°, 66%, 43%
XYZ	7.1123, 11.8645, 5.9251
YIQ	82.2450, -26.8160, -31.6480

Conversions

Conversions Part 2

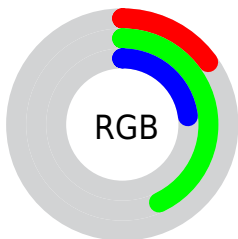
Format	Color
RYB	37, 94, 110
Decimal	2453050
CIELab	41.00, -34.99, 22.49
CIELCh	41, 41.594, 147.274
Yxy	11.8645, 0.2856, 0.4765
Android (android.graphics.Color)	4280643130 (0xFF256E3A)
YUV	82.2450, -11.9528, -39.6799
Hunter-Lab	34.4449, -23.4214, 13.9127

Details

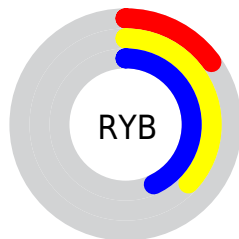
The CIELCh color **41, 41.594, 147.274** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **28, 41.273, 338.854**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 41.340, 147.265**, and **21, 37.466, 141.967** is the 20% darker color. If you saturate the color by 10%, you get **41, 46.659, 145.732**, and if you desaturate by 10%, it is **42, 36.010, 148.653**.

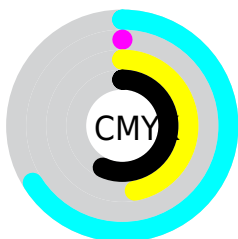
Distribution



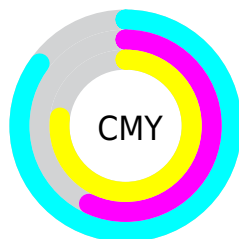
- Red (15%)
- Green (43%)
- Blue (23%)



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



- Cyan (66%)
- Magenta (0%)
- Yellow (47%)
- Black (57%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 41.594, 147.274 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, 41.594, 147.274 by changing the saturation by 10% instead.


 41, 41.594,
147.274


 41, 41.594,
147.274


 100, 41.594,
147.274


 31, 41.594,
147.274

 61, 41.594,
147.274


 21, 41.594,
147.274

 71, 41.594,
147.274

 11, 41.594,
147.274


 81, 41.594,
147.274

 1, 41.594, 147.274

 91, 41.594,
147.274

 0, 41.594, 147.274

 41, 41.594,

 41, 41.594,

147.274

147.274

■ 41, 46.659,
145.732

■ 42, 36.010,
148.653

■ 40, 51.112,
144.043

■ 42, 30.016,
149.869

■ 40, 54.954,
142.321

■ 43, 23.725,
150.935

■ 40, 56.280,
141.775

■ 44, 17.250,
151.868

■ 45, 10.687,
152.688

■ 46, 4.119, 153.433

■ 47, 2.388, 333.919

■ 48, 8.786, 334.542

■ 49, 15.041,

Harmonies

Complementary

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



41, 41.594, 147.274



28, 41.273, 338.854

Rectangle

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



41, 41.594, 147.274



41, 41.594, 197.274



41, 41.594, 327.274



41, 41.594, 17.274

Sweetspot

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



41, 41.594, 147.274



57, 16.227, 152.355



43, 41.809, 117.808



29, 10.996, 152.184



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, 41.594, 147.274



52, 59.486, 144.767



42, 26.704, 175.249



23, 3.730, 153.234



44, 60.085, 141.572



86, 105.430, 140.401

Inverse Universe

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



28, 41.273, 338.854



34, 56.937, 340.598



26, 34.528, 12.229



22, 3.747, 334.324



26, 53.617, 343.218



55, 90.624, 344.353

Previews

White Background



This preview shows how the CIELCh color 41, 41.594, 147.274 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 41, 41.594, 147.274 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, 41.594, 147.274

Background



This preview shows how black text looks on a background with the CIELCh color 41, 41.594, 147.274.



This preview shows how white text looks on a background with the CIELCh color 41, 41.594, 147.274.

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, 41.594, 147.274

Protanopia

41, 26.017, 95.538

Deuteranopia

41, 21.656, 75.358



Tritanopia
41, 17.388, 213.920

Trichromacy



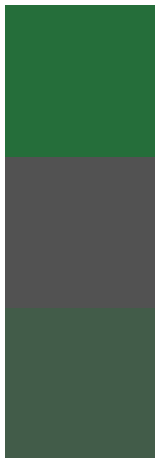
Original Color
41, 41.594, 147.274

Protanomaly
40, 28.663, 124.681

Deuteranomaly
40, 23.294, 120.366

Tritanomaly
41, 22.839, 174.736

Monochromacy



Original Color
41, 41.594, 147.274

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 16.196, 151.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 41.594, 147.274 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(37, 110, 58)` looks like.

```
.text, #text, p{  
    color:rgb(37, 110, 58)  
}
```

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(37, 110, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 110, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 41.594, 147.274 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(37, 110, 58) }
```

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

```
.border{ border-color:rgb(37, 110, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 110, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 110, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 110, 58);  
box-shadow:4px 4px 4px 4px rgb(37, 110,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 41.594, 147.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 110, 58) }
```

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

```
.background{ background-color: rgb(37, 110,  
58) }
```

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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