

Converting Colors

CIELCh(41, 42.158, 136.609)

Have a look what the booklet for
CIELCh(41, 42.158, 136.609)
contains.

CIELCh(41, 41.782, 136.928)	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(41, 41.782, 136.928)

Conversions

Conversions Part 1

Format	Color
Hex	386C2F
RGB	56, 108, 47
RGB Percent	22%, 42%, 18%
CMY	0.7789, 0.5750, 0.8143
CMYK	0.48, 0.00, 0.56, 0.57
HSL	111°, 39%, 31%
HSV	111°, 56%, 43%
XYZ	7.5746, 11.8645, 4.6170
YIQ	85.4980, -11.4110, -29.9950

Conversions

Conversions Part 2

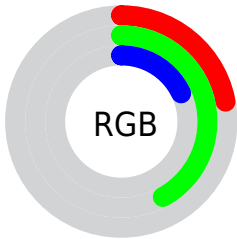
Format	Color
RYB	47, 108, 99
Decimal	3697711
CIELab	41.00, -30.52, 28.53
CIELCh	41, 41.782, 136.928
Yxy	11.8645, 0.3149, 0.4932
Android (android.graphics.Color)	4281887791 (0xFF386C2F)
YUV	85.4980, -18.9795, -25.8697
Hunter-Lab	34.4449, -21.0255, 16.1643

Details

The CIELCh color **41, 41.782, 136.928** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **29, 42.259, 322.637**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 41.687, 136.999**, and **21, 41.688, 136.967** is the 20% darker color. If you saturate the color by 10%, you get **40, 48.191, 136.220**, and if you desaturate by 10%, it is **42, 34.810, 137.657**.

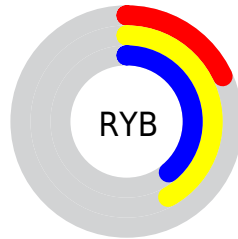
Distribution



 Red (22%)

 Green (42%)

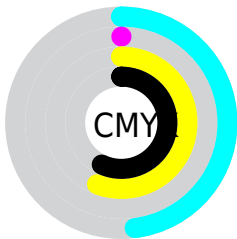
 Blue (18%)



 Red (18%)

 Yellow (42%)

 Blue (39%)

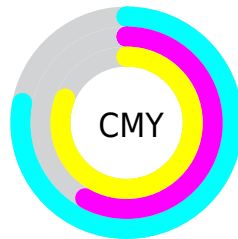


 Cyan (48%)


 Magenta (0%)

 Yellow (56%)

 Black (57%)



 Cyan (78%)


 Magenta (58%)


 Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 41.782, 136.928 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, 41.782, 136.928 by changing the saturation by 10% instead.


 41, 41.782,
136.928


 41, 41.782,
136.928


 100, 41.782,
136.928


 31, 41.782,
136.928

 61, 41.782,
136.928


 21, 41.782,
136.928

 71, 41.782,
136.928

 11, 41.782,
136.928

 81, 41.782,
136.928

 1, 41.782, 136.928

 91, 41.782,
136.928

 0, 41.782, 136.928

 41, 41.782,

 41, 41.782,

136.928

■ 40, 48.191,
136.220

■ 40, 53.779,
135.610

■ 40, 58.256,
135.207

■ 40, 61.582,
134.975

■ 39, 62.744,
134.787

136.928

■ 42, 34.810,
137.657

■ 42, 27.481,
138.354

■ 43, 19.952,
138.995

■ 44, 12.345,
139.570

■ 45, 4.751, 140.091

■ 46, 2.765, 320.446

■ 47, 10.154,
320.860

■ 49, 17.387,
321.191

■ 50, 24.441,
321.471

Harmonies

Complementary

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



41, 41.782, 136.928



29, 42.259, 322.637

Rectangle

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



41, 41.782, 136.928



41, 41.782, 186.928



41, 41.782, 316.928



41, 41.782, 6.928

Sweetspot

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



41, 41.783, 136.929



56, 15.902, 139.508



42, 30.664, 97.237



29, 10.724, 139.429



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, 41.783, 136.929



52, 60.479, 135.989



41, 33.829, 151.078



22, 4.196, 139.956



43, 66.445, 134.865



85, 115.029, 135.317

Inverse Universe

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



29, 42.259, 322.637



34, 60.948, 322.950



29, 34.299, 340.961



21, 4.214, 320.712



24, 65.849, 322.782



52, 113.427, 322.475

Previews

White Background



This preview shows how the CIELCh color 41, 41.782, 136.928 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, 41.782, 136.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

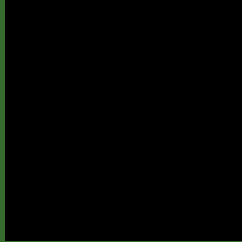
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 41.782, 136.928

Background



This preview shows how black text looks on a background with the CIELCh color 41, 41.782, 136.928.



This preview shows how white text looks on a background with the CIELCh color 41, 41.782, 136.928.

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, 41.782, 136.928

Protanopia

41, 31.001, 95.423

Deuteranopia

41, 27.406, 78.767



Tritanopia
41, 12.768, 220.626

Trichromacy



Original Color
41, 41.782, 136.928

Protanomaly
41, 32.953, 115.200

Deuteranomaly
40, 28.246, 107.757

Tritanomaly
41, 19.045, 164.289

Monochromacy



Original Color
41, 41.782, 136.928

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 15.836, 139.511

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 41.782, 136.928 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(56, 108, 47)` looks like.

```
.text, #text, p{  
    color:rgb(56, 108, 47)  
}
```

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(56, 108, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 108, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 41.782, 136.928 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(56, 108, 47) }
```

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

```
.border{ border-color:rgb(56, 108, 47) }
```

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

Here you see how a box with a 4 pixel rgb(56, 108, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 108, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 108, 47);  
box-shadow:4px 4px 4px 4px rgb(56, 108,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 41.782, 136.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 108, 47) }
```

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

```
.background{ background-color: rgb(56, 108,  
47) }
```

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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