

Converting Colors

CIELCh(41, 41.784, 135.440)

Have a look what the booklet for
CIELCh(41, 41.784, 135.440)
contains.

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Color

CIELCh(41, 41.643, 135.373)

Conversions

Conversions Part 1

Format	Color
Hex	3B6C2E
RGB	59, 108, 46
RGB Percent	23%, 42%, 18%
CMY	0.7684, 0.5763, 0.8194
CMYK	0.45, 0.00, 0.57, 0.58
HSL	107°, 40%, 30%
HSV	107°, 57%, 42%
XYZ	7.6684, 11.8645, 4.4754
YIQ	86.2810, -9.3020, -29.6700

Conversions

Conversions Part 2

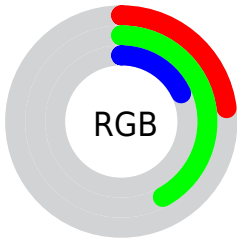
Format	Color
R_{YB}	46, 108, 95
Decimal	3894318
CIE _{Lab}	41.00, -29.64, 29.25
CIE _{LCh}	41, 41.643, 135.373
Yxy	11.8645, 0.3194, 0.4942
Android (android.graphics.Color)	4282084398 (0xFF3B6C2E)
YUV	86.2810, -19.8585, -23.9254
Hunter-Lab	34.4449, -20.5394, 16.4079

Details

The CIELCh color **41, 41.643, 135.373** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **28, 42.543, 320.753**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 41.562, 135.383**, and **21, 41.139, 135.987** is the 20% darker color. If you saturate the color by 10%, you get **40, 47.912, 134.798**, and if you desaturate by 10%, it is **42, 34.829, 136.000**.

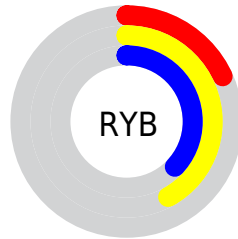
Distribution



Red (23%)

Green (42%)

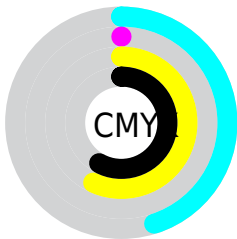
Blue (18%)



Red (18%)

Yellow (42%)

Blue (37%)

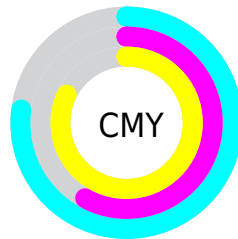


Cyan (45%)

Magenta (0%)

Yellow (57%)

Black (58%)



Cyan (77%)


Magenta (58%)


Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 41.643, 135.373 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, 41.643, 135.373 by changing the saturation by 10% instead.


 41, 41.643,
135.373


 41, 41.643,
135.373


 100, 41.643,
135.373


 31, 41.643,
135.373

 61, 41.643,
135.373


 21, 41.643,
135.373

 71, 41.643,
135.373

 11, 41.643,
135.373

 81, 41.643,
135.373

 1, 41.643, 135.373

 91, 41.643,
135.373

 0, 41.643, 135.373

 41, 41.643,

 41, 41.643,

135.373

■ 40, 47.912,
134.798

■ 40, 53.382,
134.357

■ 40, 57.766,
134.159

■ 39, 61.132,
134.106

■ 39, 61.992,
134.021

135.373

■ 42, 34.829,
136.000

■ 42, 27.669,
136.622

■ 43, 20.314,
137.208

■ 44, 12.878,
137.743

■ 45, 5.444, 138.231

■ 46, 1.925, 318.556

■ 47, 9.185, 318.974

■ 48, 16.307,
319.295

■ 49, 23.270,

319.570

Harmonies

Complementary

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



41, 41.643, 135.373



28, 42.543, 320.753

Rectangle

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



41, 41.643, 135.373



41, 41.643, 185.373



41, 41.643, 315.373



41, 41.643, 5.373

Sweetspot

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



41, 41.644, 135.374



56, 15.599, 137.739



40, 29.495, 92.787



29, 10.519, 137.666



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, 41.644, 135.374



52, 60.206, 134.623



41, 36.200, 148.376



22, 4.117, 138.157



43, 65.806, 134.121



85, 114.093, 134.702

Inverse Universe

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



28, 42.543, 320.753



33, 61.450, 321.021



29, 36.285, 337.803



21, 4.140, 318.870



22, 66.370, 320.651



49, 114.411, 320.237

Previews

White Background



This preview shows how the CIELCh color 41, 41.643, 135.373 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, 41.643, 135.373 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, 41.643, 135.373

Background



This preview shows how black text looks on a background with the CIELCh color 41, 41.643, 135.373.



This preview shows how white text looks on a background with the CIELCh color 41, 41.643, 135.373.

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, 41.643, 135.373

Protanopia

41, 32.047, 95.558

Deuteranopia

41, 27.927, 79.176



Tritanopia
41, 12.078, 225.350

Trichromacy



Original Color
41, 41.643, 135.373

Protanomaly
40, 33.335, 113.382

Deuteranomaly
40, 28.781, 106.690

Tritanomaly
41, 18.172, 162.655

Monochromacy



Original Color
41, 41.643, 135.373

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 16.141, 137.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 41.643, 135.373 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(59, 108, 46)` looks like.

```
.text, #text, p{  
    color:rgb(59, 108, 46)  
}
```

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(59, 108, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 108, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 41.643, 135.373 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(59, 108, 46) }
```

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

```
.border{ border-color:rgb(59, 108, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 108, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 108, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 108, 46);  
box-shadow:4px 4px 4px 4px rgb(59, 108,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 41.643, 135.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 108, 46) }
```

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

```
.background{ background-color: rgb(59, 108,  
46) }
```

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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