

Converting Colors

CIELCh(41, 44.727, 131.493)

Have a look what the booklet for
CIELCh(41, 44.727, 131.493)
contains.

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Color

CIELCh(41, 44.599, 131.445)

Conversions

Conversions Part 1

Format	Color
Hex	3E6C26
RGB	62, 108, 38
RGB Percent	24%, 42%, 15%
CMY	0.7572, 0.5768, 0.8513
CMYK	0.43, 0.00, 0.65, 0.58
HSL	99°, 48%, 29%
HSV	99°, 65%, 42%
XYZ	7.6809, 11.8645, 3.7110
YIQ	86.2660, -4.9460, -31.5220

Conversions

Conversions Part 2

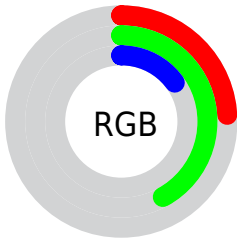
Format	Color
RYB	38, 108, 84
Decimal	4090918
CIELab	41.00, -29.52, 33.43
CIELCh	41, 44.599, 131.445
Yxy	11.8645, 0.3303, 0.5102
Android (android.graphics.Color)	4282280998 (0xFF3E6C26)
YUV	86.2660, -23.7951, -21.2813
Hunter-Lab	34.4449, -20.4748, 17.7236

Details

The CIELCh color **41, 44.599, 131.445** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **25, 46.964, 316.820**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 44.722, 131.481**, and **21, 40.365, 134.508** is the 20% darker color. If you saturate the color by 10%, you get **41, 50.167, 131.204**, and if you desaturate by 10%, it is **42, 38.373, 131.845**.

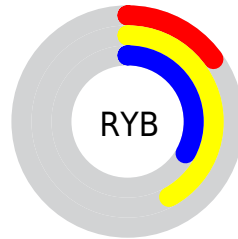
Distribution



Red (24%)

Green (42%)

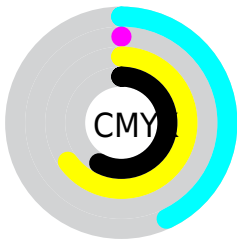
Blue (15%)



Red (15%)

Yellow (42%)

Blue (33%)

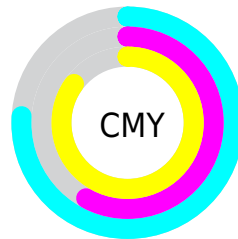


Cyan (43%)

Magenta (0%)

Yellow (65%)

Black (58%)



Cyan (76%)

Magenta (58%)


Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 41, 44.599, 131.445 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, 44.599, 131.445 by changing the saturation by 10% instead.


 41, 44.599,
131.445

 41, 44.599,
131.445


 100, 44.599,
131.445

 31, 44.599,
131.445

 61, 44.599,
131.445

 21, 44.599,
131.445

 71, 44.599,
131.445

 11, 44.599,
131.445


 81, 44.599,
131.445

 1, 44.599, 131.445

 91, 44.599,
131.445

 0, 44.599, 131.445

 41, 44.599,

 41, 44.599,

131.445

■ 41, 50.167,
131.204

■ 40, 54.807,
131.223

■ 40, 58.385,
131.535

■ 40, 60.144,
131.599

131.445

■ 42, 38.373,
131.845

■ 42, 31.710,
132.320

■ 43, 24.779,
132.818

■ 43, 17.703,
133.305

■ 44, 10.571,
133.766

■ 45, 3.445, 134.206

■ 46, 3.625, 314.523

■ 47, 10.608,
314.879

■ 48, 17.479,
315.181

Harmonies

Complementary

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



41, 44.599, 131.445



25, 46.964, 316.820

Rectangle

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



41, 44.599, 131.445



41, 44.599, 181.445



41, 44.599, 311.445



41, 44.599, 1.445

Sweetspot

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



41, 44.599, 131.446



56, 16.766, 133.556



37, 30.327, 81.441



29, 11.632, 133.453



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, 44.599, 131.446



52, 63.664, 131.174



40, 44.458, 143.012



22, 3.962, 134.025



43, 63.924, 131.735



86, 111.053, 132.545

Inverse Universe

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



25, 46.964, 316.820



29, 67.453, 316.964



28, 43.741, 332.661



20, 3.996, 314.697



20, 67.847, 316.452



44, 117.196, 315.869

Previews

White Background



This preview shows how the CIELCh color 41, 44.599, 131.445 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, 44.599, 131.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

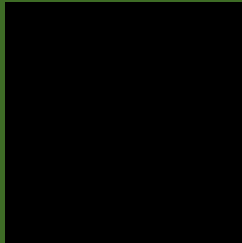
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 44.599, 131.445

Background



This preview shows how black text looks on a background with the CIELCh color 41, 44.599, 131.445.



This preview shows how white text looks on a background with the CIELCh color 41, 44.599, 131.445.

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, 44.599, 131.445

Protanopia

41, 35.654, 95.102

Deuteranopia

41, 32.270, 81.034



Tritanopia
41, 10.991, 224.733

Trichromacy



Original Color
41, 44.599, 131.445

Protanomaly
40, 36.734, 111.423

Deuteranomaly
40, 33.020, 105.086

Tritanomaly
41, 18.974, 155.172

Monochromacy



Original Color
41, 44.599, 131.445

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 17.010, 133.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 44.599, 131.445 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(62, 108, 38)` looks like.

```
.text, #text, p{  
    color:rgb(62, 108, 38)  
}
```

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(62, 108, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 108, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 44.599, 131.445 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(62, 108, 38) }
```

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

```
.border{ border-color:rgb(62, 108, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 108, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 108, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 108, 38);  
box-shadow:4px 4px 4px 4px rgb(62, 108,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 44.599, 131.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 108, 38) }
```

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

```
.background{ background-color: rgb(62, 108,  
38) }
```

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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