

Converting Colors

CIELCh(41, 41.231, 119.034)

Have a look what the booklet for
CIELCh(41, 41.231, 119.034)
contains.

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Color

CIELCh(41, 41.146, 118.921)

Conversions

Conversions Part 1

Format	Color
Hex	526821
RGB	82, 104, 33
RGB Percent	32%, 41%, 13%
CMY	0.6775, 0.5912, 0.8697
CMYK	0.21, 0.00, 0.68, 0.59
HSL	79°, 52%, 27%
HSV	79°, 68%, 41%
XYZ	8.7529, 11.8645, 3.2849
YIQ	89.3280, 9.6790, -26.7450

Conversions

Conversions Part 2

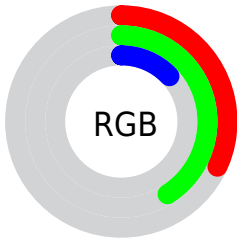
Format	Color
R_{YB}	33, 104, 55
Decimal	5400609
CIE _{Lab}	41.00, -19.90, 36.01
CIE _{LCh}	41, 41.146, 118.921
Yxy	11.8645, 0.3662, 0.4964
Android (android.graphics.Color)	4283590689 (0xFF526821)
YUV	89.3280, -27.7697, -6.4267
Hunter-Lab	34.4449, -14.9197, 18.4571

Details

The CIELCh color **41, 41.146, 118.921** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **20, 47.747, 307.138**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 41.231, 119.036**, and **21, 34.449, 122.612** is the 20% darker color. If you saturate the color by 10%, you get **41, 45.726, 118.850**, and if you desaturate by 10%, it is **41, 35.879, 119.208**.

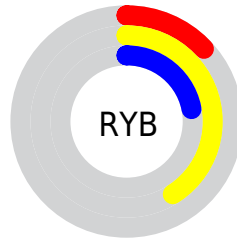
Distribution



Red (32%)

Green (41%)

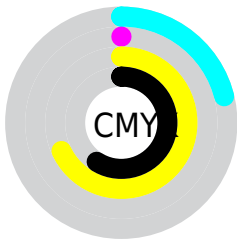
Blue (13%)



Red (13%)

Yellow (41%)

Blue (22%)

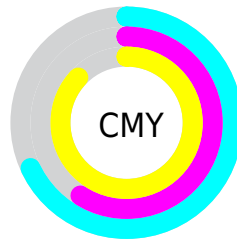


Cyan (21%)

Magenta (0%)

Yellow (68%)

Black (59%)



Cyan (68%)


Magenta (59%)


Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 41.146, 118.921 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, 41.146, 118.921 by changing the saturation by 10% instead.


 41, 41.146,
118.921


 41, 41.146,
118.921


 100, 41.146,
118.921


 31, 41.146,
118.921

 61, 41.146,
118.921


 21, 41.146,
118.921

 71, 41.146,
118.921

 11, 41.146,
118.921

 81, 41.146,
118.921

 1, 41.146, 118.921

 91, 41.146,
118.921

 0, 41.146, 118.921

 41, 41.146,

 41, 41.146,

118.921

■ 41, 45.726,
118.850

■ 40, 49.363,
119.085

■ 40, 52.288,
119.519

■ 40, 52.863,
119.579

118.921

■ 41, 35.879,
119.208

■ 42, 30.145,
119.629

■ 42, 24.109,
120.127

■ 43, 17.888,
120.663

■ 43, 11.560,
121.210

■ 44, 5.181, 121.752

■ 44, 1.210, 302.241

■ 45, 7.587, 302.759

■ 45, 13.929,

Harmonies

Complementary

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



41, 41.146, 118.921



20, 47.747, 307.138

Rectangle

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



41, 41.146, 118.921



41, 41.146, 168.921



41, 41.146, 298.921



41, 41.146, 348.921

Sweetspot

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



41, 41.146, 118.923



55, 15.789, 121.076



29, 30.447, 48.838



28, 10.850, 120.963



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41, 41.146, 118.923



52, 57.915, 118.953



39, 47.094, 134.996



21, 3.521, 121.710



44, 56.644, 119.736



88, 98.777, 120.601

Inverse Universe

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



20, 47.747, 307.138



21, 70.241, 308.222



25, 47.994, 321.283



19, 3.581, 302.650



13, 71.537, 308.859



34, 124.951, 308.302

Previews

White Background



This preview shows how the CIELCh color 41, 41.146, 118.921 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, 41.146, 118.921 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, 41.146, 118.921

Background



This preview shows how black text looks on a background with the CIELCh color 41, 41.146, 118.921.



This preview shows how white text looks on a background with the CIELCh color 41, 41.146, 118.921.

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, 41.146, 118.921

Protanopia

41, 37.894, 96.092

Deuteranopia

41, 34.968, 81.551



Tritanopia
41, 5.363, 264.492

Trichromacy



Original Color
41, 41.146, 118.921

Protanomaly
41, 38.332, 105.093

Deuteranomaly
41, 34.990, 96.656

Tritanomaly
41, 13.711, 130.662

Monochromacy



Original Color
41, 41.146, 118.921

Achromatopsia
38, 0.005, 296.813

Achromatomaly
39, 16.130, 120.635

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 41.146, 118.921 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(82, 104, 33)` looks like.

```
.text, #text, p{  
    color:rgb(82, 104, 33)  
}
```

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(82, 104, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 104, 33) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 41.146, 118.921 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(82, 104, 33) }
```

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

```
.border{ border-color:rgb(82, 104, 33) }
```

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

Here you see how a box with a 4 pixel rgb(82, 104, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 104, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 104, 33);  
box-shadow:4px 4px 4px 4px rgb(82, 104,  
33) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 41.146, 118.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 104, 33) }
```

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

```
.background{ background-color: rgb(82, 104,  
33) }
```

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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