

Converting Colors

CIELCh(41, 42.910, 125.794)

Have a look what the booklet for
CIELCh(41, 42.910, 125.794)
contains.

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Color

CIELCh(41, 42.914, 125.615)

Conversions

Conversions Part 1

Format	Color
Hex	486A23
RGB	72, 106, 35
RGB Percent	28%, 42%, 14%
CMY	0.7167, 0.5834, 0.8619
CMYK	0.32, 0.00, 0.67, 0.58
HSL	89°, 50%, 28%
HSV	89°, 67%, 42%
XYZ	8.1739, 11.8645, 3.4667
YIQ	87.7400, 2.5270, -29.2890

Conversions

Conversions Part 2

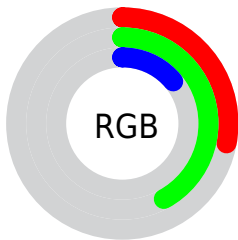
Format	Color
R_{YB}	35, 106, 69
Decimal	4745763
CIE _{Lab}	41.00, -24.99, 34.89
CIE _{LCh}	41, 42.914, 125.615
Yxy	11.8645, 0.3478, 0.5048
Android (android.graphics.Color)	4282935843 (0xFF486A23)
YUV	87.7400, -26.0008, -13.8040
Hunter-Lab	34.4449, -17.9198, 18.1443

Details


The CIELCh color $41, 42.914, 125.615$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $22, 47.485, 311.605$, and the grayscale version is $37, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 43.288, 125.698$, and $21, 36.892, 129.067$ is the 20% darker color. If you saturate the color by 10%, you get $41, 47.974, 125.571$, and if you desaturate by 10%, it is $41, 37.194, 125.869$.

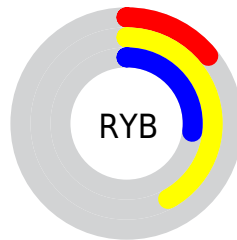
Distribution



 Red (28%)

 Green (42%)

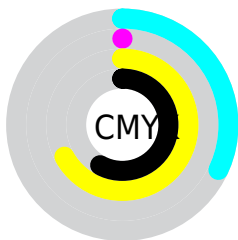
 Blue (14%)




 Red (14%)

 Yellow (42%)

 Blue (27%)

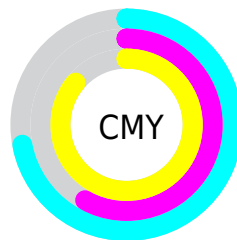


 Cyan (32%)

 Magenta (0%)

 Yellow (67%)

 Black (58%)



 Cyan (72%)


 Magenta (58%)


 Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 42.914, 125.615 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, 42.914, 125.615 by changing the saturation by 10% instead.


 41, 42.914,
125.615


 41, 42.914,
125.615


 100, 42.914,
125.615


 31, 42.914,
125.615

 61, 42.914,
125.615


 21, 42.914,
125.615

 71, 42.914,
125.615

 11, 42.914,
125.615


 81, 42.914,
125.615

 1, 42.914, 125.615

 91, 42.914,
125.615

 0, 42.914, 125.615

 41, 42.914,

 41, 42.914,

125.615

■ 41, 47.974,
125.571

■ 40, 52.115,
125.840

■ 40, 55.397,
126.366

■ 40, 56.449,
126.481

125.615

■ 41, 37.194,
125.869

■ 42, 31.031,
126.245

■ 42, 24.589,
126.684

■ 43, 17.983,
127.146

■ 44, 11.294,
127.606

■ 44, 4.581, 128.055

■ 45, 2.117, 308.420

■ 46, 8.768, 308.829

■ 47, 15.353,

Harmonies

Complementary

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



41, 42.914, 125.615



22, 47.485, 311.605

Rectangle

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



41, 42.914, 125.615



41, 42.914, 175.615



41, 42.914, 305.615



41, 42.914, 355.615

Sweetspot

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



41, 42.915, 125.616



56, 16.593, 127.436



33, 29.264, 64.267



28, 11.234, 127.343



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, 42.915, 125.616



52, 60.603, 125.669



39, 49.118, 138.347



22, 3.789, 127.960



44, 60.670, 126.665



87, 105.334, 127.617

Inverse Universe

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



22, 47.485, 311.605



25, 68.667, 312.019



27, 48.685, 326.501



20, 3.839, 308.699



16, 70.320, 311.879



39, 121.774, 311.230

Previews

White Background



This preview shows how the CIELCh color 41, 42.914, 125.615 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, 42.914, 125.615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

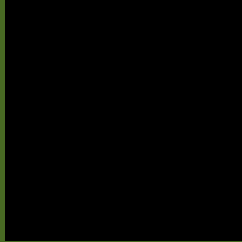
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 42.914, 125.615

Background



This preview shows how black text looks on a background with the CIELCh color 41, 42.914, 125.615.



This preview shows how white text looks on a background with the CIELCh color 41, 42.914, 125.615.

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

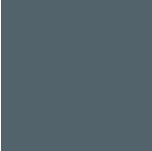
41, 42.914, 125.615

Protanopia

41, 36.973, 96.043

Deuteranopia

41, 33.994, 81.069



Tritanopia
41, 8.024, 236.222

Trichromacy



Original Color
41, 42.914, 125.615

Protanomaly
41, 37.488, 108.214

Deuteranomaly
41, 34.212, 99.954

Tritanomaly
41, 16.321, 146.540

Monochromacy



Original Color
41, 42.914, 125.615

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 16.808, 127.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 42.914, 125.615 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(72, 106, 35)` looks like.

```
.text, #text, p{  
    color:rgb(72, 106, 35)  
}
```

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(72, 106, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 106, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 42.914, 125.615 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(72, 106, 35) }
```

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

```
.border{ border-color:rgb(72, 106, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 106, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 106, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 106, 35);  
box-shadow:4px 4px 4px 4px rgb(72, 106,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 42.914, 125.615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 106, 35) }
```

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

```
.background{ background-color: rgb(72, 106,  
35) }
```

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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