

Converting Colors

CIELCh(43, 46.514, 122.588)

Have a look what the booklet for
CIELCh(43, 46.514, 122.588)
contains.

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Color

CIELCh(43, 46.280, 122.585)

Conversions

Conversions Part 1

Format	Color
Hex	4F6F1F
RGB	79, 111, 31
RGB Percent	31%, 44%, 12%
CMY	0.6898, 0.5643, 0.8780
CMYK	0.29, 0.00, 0.72, 0.56
HSL	84°, 56%, 28%
HSV	84°, 72%, 44%
XYZ	9.1776, 13.1578, 3.3595
YIQ	92.3120, 6.6080, -31.6640

Conversions

Conversions Part 2

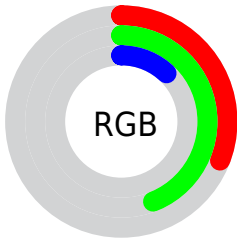
Format	Color
R_{YB}	31, 111, 63
Decimal	5205791
CIE _{Lab}	43.00, -24.92, 39.00
CIE _{LCh}	43, 46.280, 122.585
Yxy	13.1578, 0.3572, 0.5121
Android (android.graphics.Color)	4283395871 (0xFF4F6F1F)
YUV	92.3120, -30.2268, -11.6746
Hunter-Lab	36.2736, -18.3164, 19.9004

Details

The CIELCh color **43, 46.280, 122.585** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **21, 52.955, 309.713**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 46.470, 122.469**, and **23, 38.820, 126.830** is the 20% darker color. If you saturate the color by 10%, you get **43, 50.877, 122.701**, and if you desaturate by 10%, it is **43, 40.846, 122.740**.

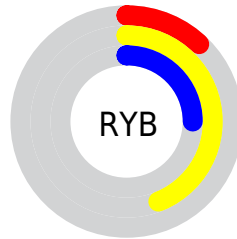
Distribution



Red (31%)

Green (44%)

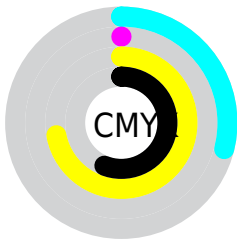
Blue (12%)



Red (12%)

Yellow (44%)

Blue (25%)

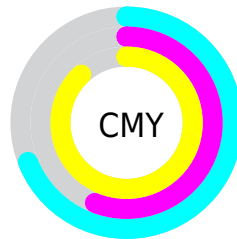


Cyan (29%)

Magenta (0%)

Yellow (72%)

Black (56%)



Cyan (69%)


Magenta (56%)


Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 46.280, 122.585 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 43, 46.280, 122.585 by changing the saturation by 10% instead.


 43, 46.280,
122.585


 43, 46.280,
122.585


 100, 46.280,
122.585


 33, 46.280,
122.585

 63, 46.280,
122.585


 23, 46.280,
122.585

 73, 46.280,
122.585

 13, 46.280,
122.585

 83, 46.280,
122.585

 3, 46.280, 122.585

 93, 46.280,
122.585

 0, 46.280, 122.585

 43, 46.280,

 43, 46.280,

122.585

■ 43, 50.877,
122.701

■ 42, 54.380,
123.186

■ 42, 56.879,
123.603

122.585

■ 43, 40.846,
122.740

■ 44, 34.831,
123.066

■ 44, 28.435,
123.492

■ 45, 21.805,
123.968

■ 45, 15.040,
124.460

■ 46, 8.210, 124.949

■ 47, 1.364, 125.451

■ 47, 5.463, 305.844

■ 48, 12.245,

Harmonies

Complementary

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



43, 46.280, 122.585



21, 52.955, 309.713

Rectangle

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



43, 46.280, 122.585



43, 46.280, 172.585



43, 46.280, 302.585



43, 46.280, 352.585

Sweetspot

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



43, 46.280, 122.586



59, 18.741, 124.431



32, 33.284, 57.470



30, 12.685, 124.331



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 46.280, 122.586



55, 64.597, 122.961



41, 53.130, 136.731



23, 3.876, 125.094



45, 60.099, 123.736



88, 103.391, 124.642

Inverse Universe

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



21, 52.955, 309.713



23, 76.377, 310.210



27, 53.007, 324.511



21, 3.935, 305.922



15, 72.587, 310.273



37, 124.803, 309.675

Previews

White Background



This preview shows how the CIELCh color 43, 46.280, 122.585 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 43, 46.280, 122.585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

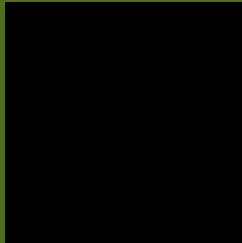
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 46.280, 122.585

Background



This preview shows how black text looks on a background with the CIELCh color 43, 46.280, 122.585.



This preview shows how white text looks on a background with the CIELCh color 43, 46.280, 122.585.

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

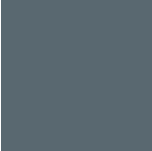
43, 46.280, 122.585

Protanopia

43, 41.049, 95.816

Deuteranopia

43, 37.632, 81.526



Tritanopia
43, 7.407, 239.591

Trichromacy



Original Color
43, 46.280, 122.585

Protanomaly
43, 41.470, 106.795

Deuteranomaly
42, 37.646, 98.554

Tritanomaly
43, 17.176, 140.967

Monochromacy



Original Color
43, 46.280, 122.585

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 18.227, 124.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 46.280, 122.585 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(79, 111, 31)` looks like.

```
.text, #text, p{  
    color:rgb(79, 111, 31)  
}
```

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(79, 111, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 111, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 46.280, 122.585 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(79, 111, 31) }
```

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

```
.border{ border-color:rgb(79, 111, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 111, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 111, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 111, 31);  
box-shadow:4px 4px 4px 4px rgb(79, 111,  
31) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 46.280, 122.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 111, 31) }
```

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

```
.background{ background-color: rgb(79, 111,  
31) }
```

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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