

Converting Colors

CIELCh(43, 46.138, 126.322)

Have a look what the booklet for
CIELCh(43, 46.138, 126.322)
contains.

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Color

CIELCh(43, 46.034, 126.107)

Conversions

Conversions Part 1

Format	Color
Hex	4A7023
RGB	74, 112, 35
RGB Percent	29%, 44%, 14%
CMY	0.7099, 0.5609, 0.8628
CMYK	0.34, 0.00, 0.69, 0.56
HSL	90°, 52%, 29%
HSV	90°, 69%, 44%
XYZ	8.9157, 13.1578, 3.6577
YIQ	91.8600, 2.0690, -32.0030

Conversions

Conversions Part 2

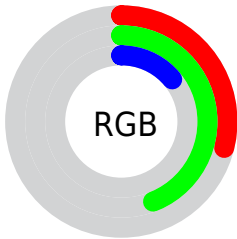
Format	Color
R_{YB}	35, 112, 73
Decimal	4878371
CIE _{Lab}	43.00, -27.13, 37.19
CIE _{LCh}	43, 46.034, 126.107
Yxy	13.1578, 0.3465, 0.5114
Android (android.graphics.Color)	4283068451 (0xFF4A7023)
YUV	91.8600, -28.0320, -15.6632
Hunter-Lab	36.2736, -19.6054, 19.4130

Details

The CIELCh color $43, 46.034, 126.107$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $23, 50.913, 312.108$, and the grayscale version is $39, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 45.879, 125.943$, and $23, 40.481, 129.859$ is the 20% darker color. If you saturate the color by 10%, you get $43, 51.144, 126.123$, and if you desaturate by 10%, it is $43, 40.168, 126.327$.

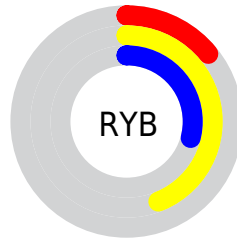
Distribution



Red (29%)

Green (44%)

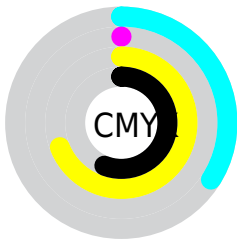
Blue (14%)



Red (14%)

Yellow (44%)

Blue (29%)

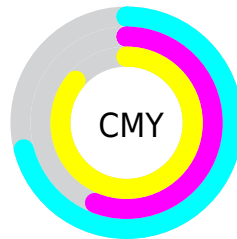


Cyan (34%)

Magenta (0%)

Yellow (69%)

Black (56%)



Cyan (71%)


Magenta (56%)


Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 46.034, 126.107 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, 46.034, 126.107 by changing the saturation by 10% instead.


 43, 46.034,
126.107


 43, 46.034,
126.107


 100, 46.034,
126.107


 33, 46.034,
126.107

 63, 46.034,
126.107


 23, 46.034,
126.107

 73, 46.034,
126.107

 13, 46.034,
126.107

 83, 46.034,
126.107

 3, 46.034, 126.107

 93, 46.034,
126.107

 0, 46.034, 126.107

 43, 46.034,

 43, 46.034,

126.107

■ 43, 51.144,
126.123

■ 42, 55.223,
126.480

■ 42, 58.506,
127.036

■ 42, 58.921,
127.084

126.107

■ 43, 40.168,
126.327

■ 44, 33.790,
126.685

■ 45, 27.085,
127.117

■ 45, 20.186,
127.577

■ 46, 13.187,
128.039

■ 47, 6.152, 128.488

■ 47, 0.871, 308.805

■ 48, 7.848, 309.268

■ 49, 14.755,

Harmonies

Complementary

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



43, 46.034, 126.107



23, 50.913, 312.108

Rectangle

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



43, 46.034, 126.107



43, 46.034, 176.107



43, 46.034, 306.107



43, 46.034, 356.107

Sweetspot

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



43, 46.034, 126.108



58, 18.274, 127.911



34, 31.590, 65.573



30, 12.462, 127.814



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, 46.034, 126.108



54, 65.041, 126.305



41, 52.581, 138.384



23, 3.953, 128.477



45, 61.920, 127.206



88, 106.688, 128.127

Inverse Universe

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



23, 50.913, 312.108



26, 73.588, 312.403



29, 51.936, 327.095



21, 4.004, 309.213



17, 71.211, 312.178



39, 122.349, 311.547

Previews

White Background



This preview shows how the CIELCh color 43, 46.034, 126.107 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, 46.034, 126.107 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, 46.034, 126.107

Background



This preview shows how black text looks on a background with the CIELCh color 43, 46.034, 126.107.



This preview shows how white text looks on a background with the CIELCh color 43, 46.034, 126.107.

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

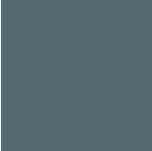
43, 46.034, 126.107

Protanopia

43, 39.312, 95.674

Deuteranopia

43, 36.217, 80.882



Tritanopia
43, 8.848, 231.786

Trichromacy



Original Color
43, 46.034, 126.107

Protanomaly
43, 40.233, 108.426

Deuteranomaly
42, 36.532, 100.896

Tritanomaly
43, 17.881, 147.132

Monochromacy



Original Color
43, 46.034, 126.107

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 17.966, 127.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 46.034, 126.107 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(74, 112, 35)` looks like.

```
.text, #text, p{  
    color:rgb(74, 112, 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(74, 112, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 112, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 46.034, 126.107 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(74, 112, 35) }
```

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

```
.border{ border-color:rgb(74, 112, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 112, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 112, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 112, 35);  
box-shadow:4px 4px 4px 4px rgb(74, 112,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 46.034, 126.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 112, 35) }
```

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

```
.background{ background-color: rgb(74, 112,  
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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