

Converting Colors

CIELCh(43, 40.709, 110.087)

Have a look what the booklet for
CIELCh(43, 40.709, 110.087)
contains.

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Color

CIELCh(43, 40.814, 110.379)

Conversions

Conversions Part 1

Format	Color
Hex	626B22
RGB	98, 107, 34
RGB Percent	38%, 42%, 13%
CMY	0.6167, 0.5814, 0.8677
CMYK	0.08, 0.00, 0.68, 0.58
HSL	67°, 52%, 28%
HSV	67°, 68%, 42%
XYZ	10.5243, 13.1578, 3.4791
YIQ	95.9870, 18.0690, -24.6110

Conversions

Conversions Part 2

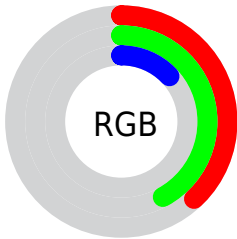
Format	Color
R_{YB}	34, 107, 43
Decimal	6449954
CIE _{Lab}	43.00, -14.21, 38.26
CIE _{LCh}	43, 40.814, 110.379
Yxy	13.1578, 0.3875, 0.4844
Android (android.graphics.Color)	4284640034 (0xFF626B22)
YUV	95.9870, -30.5596, 1.7654
Hunter-Lab	36.2736, -11.6896, 19.7049

Details

The CIELCh color **43, 40.814, 110.379** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **19, 49.228, 302.925**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 40.556, 110.074**, and **23, 34.327, 113.003** is the 20% darker color. If you saturate the color by 10%, you get **43, 45.179, 110.042**, and if you desaturate by 10%, it is **43, 35.704, 110.889**.

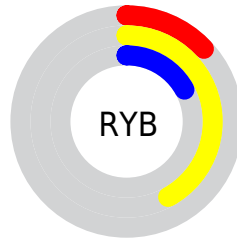
Distribution



Red (38%)

Green (42%)

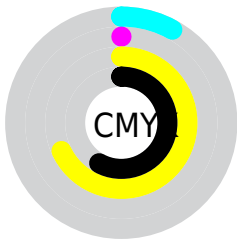
Blue (13%)



Red (13%)

Yellow (42%)

Blue (17%)

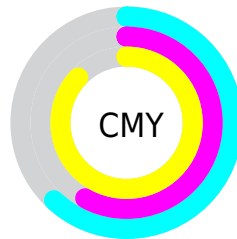


Cyan (8%)

Magenta (0%)

Yellow (68%)

Black (58%)



Cyan (62%)


Magenta (58%)


Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 40.814, 110.379 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, 40.814, 110.379 by changing the saturation by 10% instead.


 43, 40.814,
110.379


 43, 40.814,
110.379


 100, 40.814,
110.379


 33, 40.814,
110.379

 63, 40.814,
110.379


 23, 40.814,
110.379

 73, 40.814,
110.379

 13, 40.814,
110.379

 83, 40.814,
110.379

 3, 40.814, 110.379

 93, 40.814,
110.379

 0, 40.814, 110.379

 43, 40.814,

 43, 40.814,

110.379

■ 43, 45.179,
110.042

■ 43, 48.531,
109.936

■ 43, 51.121,
109.993

■ 42, 51.556,
109.994

110.379

■ 43, 35.704,
110.889

■ 43, 30.085,
111.510

■ 44, 24.135,
112.201

■ 44, 17.977,
112.930

■ 44, 11.695,
113.673

■ 45, 5.345, 114.412

■ 45, 1.037, 295.151

■ 46, 7.423, 295.845

■ 46, 13.794,

Harmonies

Complementary

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



43, 40.814, 110.379



19, 49.228, 302.925

Rectangle

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



43, 40.814, 110.379



43, 40.814, 160.379



43, 40.814, 290.379



43, 40.814, 340.379

Sweetspot

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



43, 40.814, 110.381



56, 16.444, 113.437



26, 34.471, 35.188



29, 11.038, 113.293



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



43, 40.814, 110.381



54, 56.733, 109.948



41, 45.698, 130.154



22, 3.591, 114.370



47, 55.141, 110.067



91, 94.991, 110.478

Inverse Universe

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



19, 49.228, 302.925



20, 72.665, 305.137



23, 48.744, 315.667



20, 3.662, 295.716



12, 74.620, 306.938



31, 128.974, 306.654

Previews

White Background



This preview shows how the CIELCh color 43, 40.814, 110.379 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, 40.814, 110.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

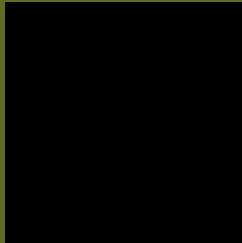
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 40.814, 110.379

Background



This preview shows how black text looks on a background with the CIELCh color 43, 40.814, 110.379.



This preview shows how white text looks on a background with the CIELCh color 43, 40.814, 110.379.

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, 40.814, 110.379

Protanopia

43, 39.754, 95.757

Deuteranopia

43, 37.860, 80.854



Tritanopia
43, 5.254, 313.581

Trichromacy



Original Color
43, 40.814, 110.379

Protanomaly
43, 39.740, 101.505

Deuteranomaly
43, 37.442, 92.480

Tritanomaly
43, 12.543, 108.313

Monochromacy



Original Color
43, 40.814, 110.379

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 16.203, 112.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 40.814, 110.379 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(98, 107, 34)` looks like.

```
.text, #text, p{  
    color:rgb(98, 107, 34)  
}
```

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(98, 107, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 107, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 40.814, 110.379 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(98, 107, 34) }
```

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

```
.border{ border-color:rgb(98, 107, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 107, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 107, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 107, 34);  
box-shadow:4px 4px 4px 4px rgb(98, 107,  
34) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 40.814, 110.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 107, 34) }
```

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

```
.background{ background-color: rgb(98, 107,  
34) }
```

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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