

Converting Colors

CIELCh(43, 12.473, 139.901)

Have a look what the booklet for
CIELCh(43, 12.473, 139.901)
contains.

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Color

CIELCh(43, 12.770, 140.555)

Conversions

Conversions Part 1

Format	Color
Hex	5A6A58
RGB	90, 106, 88
RGB Percent	35%, 42%, 35%
CMY	0.6475, 0.5847, 0.6553
CMYK	0.15, 0.00, 0.17, 0.58
HSL	113°, 9%, 38%
HSV	113°, 17%, 42%
XYZ	11.1069, 13.1578, 11.1648
YIQ	99.1640, -3.7580, -8.9900

Conversions

Conversions Part 2

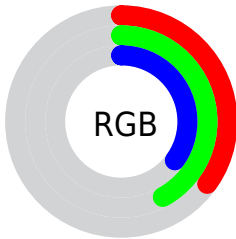
Format	Color
R_{YB}	88, 106, 104
Decimal	5925464
CIE Lab	43.00, -9.86, 8.11
CIE LCh	43, 12.770, 140.555
Yxy	13.1578, 0.3135, 0.3714
Android (android.graphics.Color)	4284115544 (0xFF5A6A58)
YUV	99.1640, -5.5039, -8.0368
Hunter-Lab	36.2736, -8.8226, 7.1425

Details

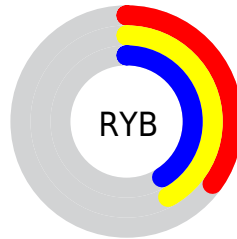
The CIELCh color **43, 12.770, 140.555** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **39, 12.828, 322.159**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 12.557, 140.962**, and **23, 12.757, 141.350** is the 20% darker color. If you saturate the color by 10%, you get **42, 20.321, 139.946**, and if you desaturate by 10%, it is **44, 5.228, 141.102**.

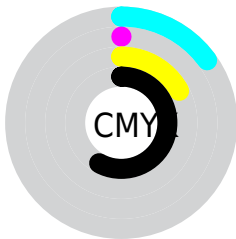
Distribution



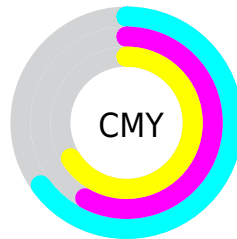
- Red (35%)
- Green (42%)
- Blue (35%)



- Red (35%)
- Yellow (42%)
- Blue (41%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (58%)





- Cyan (65%)
- Magenta (58%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 12.770, 140.555 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, 12.770, 140.555 by changing the saturation by 10% instead.


 43, 12.770,
140.555


 43, 12.770,
140.555


 100, 12.770,
140.555


 33, 12.770,
140.555

 63, 12.770,
140.555


 23, 12.770,
140.555

 73, 12.770,
140.555

 13, 12.770,
140.555


 83, 12.770,
140.555

 3, 12.770, 140.555

 93, 12.770,
140.555

 0, 12.770, 140.555

 43, 12.770,

 43, 12.770,

140.555

■ 42, 20.321,
139.946

■ 41, 27.782,
139.262

■ 41, 35.028,
138.511

■ 40, 41.892,
137.717

■ 39, 48.165,
136.930

■ 39, 53.589,
136.229

■ 39, 57.878,
135.725

■ 39, 61.078,
135.332

140.555

■ 44, 5.228, 141.102

■ 45, 2.237, 321.467

■ 46, 9.574, 321.911

■ 48, 16.750,
322.256

■ 49, 23.744,
322.549

■ 50, 30.543,
322.798

■ 52, 37.143,
323.011

■ 53, 43.545,
323.193

■ 55, 49.754,

■ 38, 62.000,
135.123

323.349

Harmonies

Complementary

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



43, 12.770, 140.555



39, 12.828, 322.159

Rectangle

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



43, 12.770, 140.555



43, 12.770, 190.555



43, 12.770, 320.555



43, 12.770, 10.555

Sweetspot

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



43, 12.771, 140.556



57, 4.629, 141.202



44, 9.519, 103.274



29, 3.136, 141.174



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, 12.771, 140.556



55, 18.664, 140.347



43, 10.034, 156.627



22, 4.245, 140.996



43, 66.751, 135.210



85, 115.441, 135.582

Inverse Universe

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



39, 12.828, 322.159



50, 18.758, 322.322



39, 10.147, 339.059



21, 4.260, 321.784



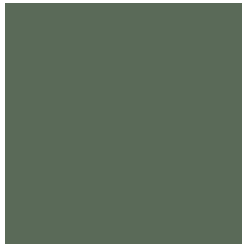
24, 65.596, 324.102



53, 112.948, 323.866

Previews

White Background



This preview shows how the CIELCh color 43, 12.770, 140.555 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, 12.770, 140.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

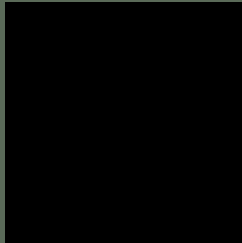
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

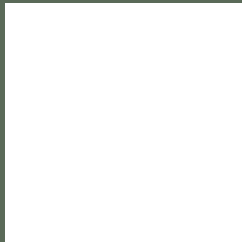
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 12.770, 140.555

Background



This preview shows how black text looks on a background with the CIELCh color 43, 12.770, 140.555.

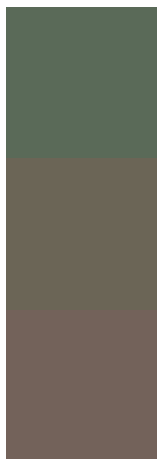


This preview shows how white text looks on a background with the CIELCh color 43, 12.770, 140.555.

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

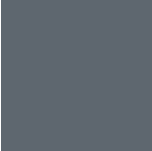
43, 12.770, 140.555

Protanopia

43, 9.360, 92.466

Deuteranopia

43, 8.907, 52.542



Tritanopia
43, 5.892, 254.125

Trichromacy



Original Color
43, 12.770, 140.555

Protanomaly
43, 9.604, 113.953

Deuteranomaly
43, 7.506, 92.267

Tritanomaly
43, 4.490, 191.215

Monochromacy



Original Color
43, 12.770, 140.555

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.923, 140.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 12.770, 140.555 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(90, 106, 88)` looks like.

```
.text, #text, p{  
    color:rgb(90, 106, 88)  
}
```

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(90, 106, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 106, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 12.770, 140.555 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(90, 106, 88) }
```

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

```
.border{ border-color:rgb(90, 106, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 106, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 106, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 106, 88);  
box-shadow:4px 4px 4px 4px rgb(90, 106,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 12.770, 140.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 106, 88) }
```

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

```
.background{ background-color: rgb(90, 106,  
88) }
```

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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