

Converting Colors

CIELCh(43, 10.293, 143.977)

Have a look what the booklet for
CIELCh(43, 10.293, 143.977)
contains.

CIELCh(43, 10.299, 143.700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 10.299, 143.700)

Conversions

Conversions Part 1

Format	Color
Hex	5B695B
RGB	91, 105, 91
RGB Percent	36%, 41%, 36%
CMY	0.6421, 0.5871, 0.6421
CMYK	0.13, 0.00, 0.13, 0.59
HSL	120°, 7%, 39%
HSV	120°, 13%, 41%
XYZ	11.3211, 13.1578, 11.9018
YIQ	99.2180, -3.8500, -7.3220

Conversions

Conversions Part 2

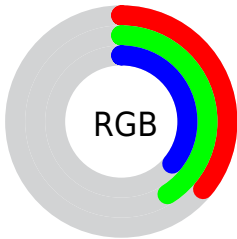
Format	Color
R_{YB}	91, 105, 105
Decimal	5990747
CIE _{Lab}	43.00, -8.30, 6.10
CIE _{LCh}	43, 10.299, 143.700
Yxy	13.1578, 0.3112, 0.3617
Android (android.graphics.Color)	4284180827 (0xFF5B695B)
YUV	99.2180, -4.0515, -7.2072
Hunter-Lab	36.2736, -7.7687, 5.9379

Details

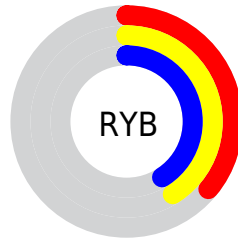
The CIELCh color **43, 10.299, 143.700** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 10.312, 325.110**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 10.255, 143.909**, and **23, 10.602, 143.221** is the 20% darker color. If you saturate the color by 10%, you get **42, 18.097, 143.014**, and if you desaturate by 10%, it is **44, 2.539, 144.331**.

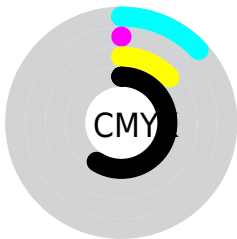
Distribution



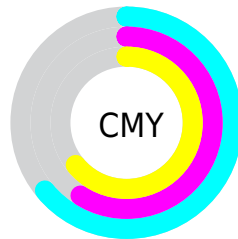
- Red (36%)
- Green (41%)
- Blue (36%)



- Red (36%)
- Yellow (41%)
- Blue (41%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (59%)





- Cyan (64%)
- Magenta (59%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 10.299, 143.700 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, 10.299, 143.700 by changing the saturation by 10% instead.


 43, 10.299,
143.700


 43, 10.299,
143.700


 100, 10.299,
143.700


 33, 10.299,
143.700

 63, 10.299,
143.700


 23, 10.299,
143.700

 73, 10.299,
143.700

 13, 10.299,
143.700


 83, 10.299,
143.700

 3, 10.299, 143.700

 93, 10.299,
143.700

 0, 10.299, 143.700

 43, 10.299,

 43, 10.299,

143.700

143.700

■ 42, 18.097,
143.014

■ 44, 2.539, 144.331

■ 41, 25.824,
142.226

■ 45, 5.110, 324.733

■ 40, 33.343,
141.330

■ 47, 12.593,
325.176

■ 40, 40.478,
140.335

■ 48, 19.877,
325.543

■ 39, 47.014,
139.273

■ 50, 26.943,
325.854

■ 39, 52.697,
138.212

■ 51, 33.782,
326.121

■ 38, 57.248,
137.254

■ 53, 40.393,
326.350

■ 38, 60.485,
136.509

■ 54, 46.782,
326.548

■ 38, 62.499,
136.016

■ 56, 52.955,
326.719

Harmonies

Complementary

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



43, 10.299, 143.700



41, 10.312, 325.110

Rectangle

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



43, 10.299, 143.700



43, 10.299, 193.700



43, 10.299, 323.700



43, 10.299, 13.700

Sweetspot

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



43, 10.300, 143.700



57, 3.833, 144.275



44, 8.202, 108.285



29, 2.705, 144.236



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, 10.300, 143.700



55, 15.461, 143.494



43, 7.253, 161.750



22, 4.400, 143.971



42, 67.487, 136.016



85, 116.131, 136.016

Inverse Universe

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



41, 10.312, 325.110



51, 15.476, 325.276



40, 7.362, 343.775



21, 4.407, 324.880



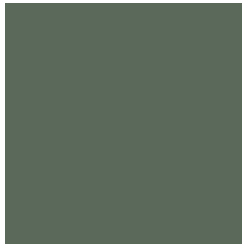
27, 65.115, 328.231



58, 112.048, 328.231

Previews

White Background



This preview shows how the CIE LCh color 43, 10.299, 143.700 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 CIE LCh color 43, 10.299, 143.700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

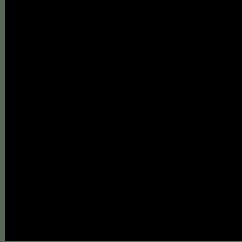
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

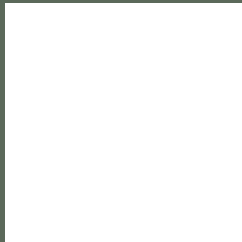
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 10.299, 143.700

Background



This preview shows how black text looks on a background with the CIELCh color 43, 10.299, 143.700.

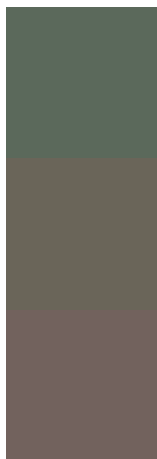


This preview shows how white text looks on a background with the CIELCh color 43, 10.299, 143.700.

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

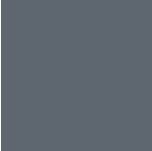
43, 10.299, 143.700

Protanopia

43, 7.506, 92.267

Deuteranopia

43, 7.581, 43.346



Tritanopia
43, 5.892, 254.125

Trichromacy



Original Color
43, 10.299, 143.700

Protanomaly
43, 7.826, 115.337

Deuteranomaly
43, 5.800, 87.583

Tritanomaly
43, 4.421, 198.943

Monochromacy



Original Color
43, 10.299, 143.700

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 3.681, 144.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 10.299, 143.700 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(91, 105, 91)` looks like.

```
.text, #text, p{  
    color:rgb(91, 105, 91)  
}
```

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(91, 105, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 105, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 10.299, 143.700 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(91, 105, 91) }
```

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

```
.border{ border-color:rgb(91, 105, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 105, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 105, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 105, 91);  
box-shadow:4px 4px 4px 4px rgb(91, 105,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 10.299, 143.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 105, 91) }
```

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

```
.background{ background-color: rgb(91, 105,  
91) }
```

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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