

Converting Colors

CIELCh(43, 30.719, 153.304)

Have a look what the booklet for
CIELCh(43, 30.719, 153.304)
contains.

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Color

CIELCh(43, 30.719, 153.304)

Conversions

Conversions Part 1

Format	Color
Hex	38714E
RGB	56, 113, 78
RGB Percent	22%, 44%, 31%
CMY	0.7810, 0.5575, 0.6947
CMYK	0.51, 0.00, 0.31, 0.56
HSL	143°, 34%, 33%
HSV	143°, 51%, 44%
XYZ	8.8784, 13.1578, 9.2509
YIQ	91.9670, -22.7370, -22.9690

Conversions

Conversions Part 2

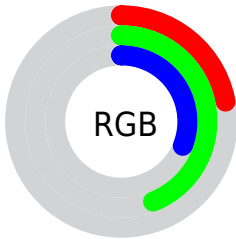
Format	Color
RYB	56, 97, 113
Decimal	3699022
CIELab	43.00, -27.44, 13.80
CIElCh	43, 30.719, 153.304
Yxy	13.1578, 0.2838, 0.4205
Android (android.graphics.Color)	4281889102 (0xFF38714E)
YUV	91.9670, -6.8857, -31.5431
Hunter-Lab	36.2736, -19.7887, 10.2708

Details

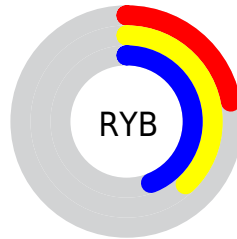
The CIELCh color **43, 30.719, 153.304** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **32, 31.440, 342.244**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 30.596, 153.173**, and **23, 30.584, 153.100** is the 20% darker color. If you saturate the color by 10%, you get **42, 36.180, 151.964**, and if you desaturate by 10%, it is **44, 24.926, 154.483**.

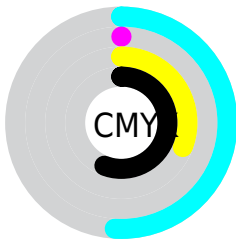
Distribution



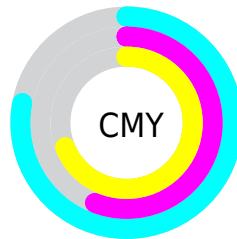
- Red (22%)
- Green (44%)
- Blue (31%)



- Red (22%)
- Yellow (38%)
- Blue (44%)



- Cyan (51%)
- Magenta (0%)
- Yellow (31%)
- Black (56%)





- Cyan (78%)
- Magenta (56%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 30.719, 153.304 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, 30.719, 153.304 by changing the saturation by 10% instead.


 43, 30.719,
153.304


 43, 30.719,
153.304


 100, 30.719,
153.304


 33, 30.719,
153.304

 63, 30.719,
153.304


 23, 30.719,
153.304

 73, 30.719,
153.304

 13, 30.719,
153.304

 83, 30.719,
153.304

 3, 30.719, 153.304

 93, 30.719,
153.304

 0, 30.719, 153.304

 43, 30.719,

 43, 30.719,

153.304

153.304

■ 42, 36.180,
151.964

■ 44, 24.926,
154.483

■ 42, 41.210,
150.448

■ 44, 18.900,
155.522

■ 42, 45.732,
148.750

■ 45, 12.736,
156.442

■ 41, 49.695,
146.878

■ 46, 6.517, 157.270

■ 41, 53.105,
145.162

■ 48, 0.313, 158.726

■ 49, 5.822, 338.563

■ 50, 11.847,
339.170

■ 51, 17.734,
339.711

■ 53, 23.465,

Harmonies

Complementary

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



43, 30.719, 153.304



32, 31.440, 342.244

Rectangle

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



43, 30.719, 153.304



43, 30.719, 203.304



43, 30.719, 333.304



43, 30.719, 23.304

Sweetspot

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



43, 30.720, 153.304



59, 11.620, 156.874



45, 34.195, 122.469



30, 7.879, 156.741



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, 30.720, 153.304



55, 45.327, 151.657



44, 20.594, 185.812



23, 3.467, 157.392



44, 55.630, 145.006



86, 97.818, 143.688

Inverse Universe

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



32, 31.440, 342.244



39, 46.079, 343.665



31, 26.878, 16.088



22, 3.492, 338.582



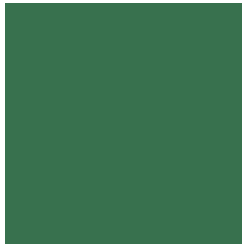
25, 50.675, 350.523



54, 85.662, 352.309

Previews

White Background



This preview shows how the CIELCh color 43, 30.719, 153.304 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, 30.719, 153.304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

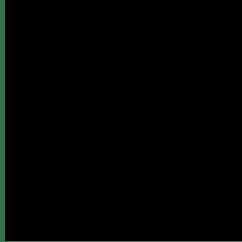
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 30.719, 153.304

Background



This preview shows how black text looks on a background with the CIELCh color 43, 30.719, 153.304.



This preview shows how white text looks on a background with the CIELCh color 43, 30.719, 153.304.

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, 30.719, 153.304

Protanopia

43, 17.104, 95.313

Deuteranopia

43, 13.632, 64.469



Tritanopia
43, 15.417, 218.610

Trichromacy



Original Color
43, 30.719, 153.304

Protanomaly
42, 19.049, 127.827

Deuteranomaly
42, 14.193, 122.462

Tritanomaly
43, 18.208, 183.828

Monochromacy



Original Color
43, 30.719, 153.304

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 11.850, 156.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 30.719, 153.304 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(56, 113, 78)` looks like.

```
.text, #text, p{  
    color:rgb(56, 113, 78)  
}
```

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(56, 113, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 113, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 30.719, 153.304 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(56, 113, 78) }
```

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

```
.border{ border-color:rgb(56, 113, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 113, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 113, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 113, 78);  
box-shadow:4px 4px 4px 4px rgb(56, 113,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 30.719, 153.304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 113, 78) }
```

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

```
.background{ background-color: rgb(56, 113,  
78) }
```

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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