

Converting Colors

CIELCh(43, 10.634, 211.843)

Have a look what the booklet for
CIELCh(43, 10.634, 211.843)
contains.

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Color

CIELCh(43, 10.390, 211.766)

Conversions

Conversions Part 1

Format	Color
Hex	4F6A6E
RGB	79, 106, 110
RGB Percent	31%, 42%, 43%
CMY	0.6893, 0.5834, 0.5677
CMYK	0.28, 0.04, 0.00, 0.57
HSL	188°, 16%, 37%
HSV	188°, 28%, 43%
XYZ	11.2476, 13.1578, 16.7641
YIQ	98.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

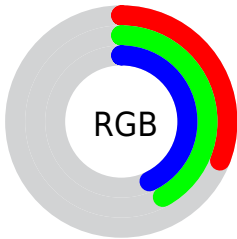
Format	Color
R_{YB}	79, 93, 110
Decimal	5204590
CIE _{Lab}	43.00, -8.83, -5.47
CIE _{LCh}	43, 10.390, 211.766
Yxy	13.1578, 0.2732, 0.3196
Android (android.graphics.Color)	4283394670 (0xFF4F6A6E)
YUV	98.3830, 5.7272, -16.9989
Hunter-Lab	36.2736, -8.1303, -2.0098

Details

The CIELCh color **43, 10.390, 211.766** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **38, 12.519, 32.246**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 10.385, 214.296**, and **23, 10.350, 212.831** is the 20% darker color. If you saturate the color by 10%, you get **42, 13.556, 212.034**, and if you desaturate by 10%, it is **44, 6.914, 211.636**.

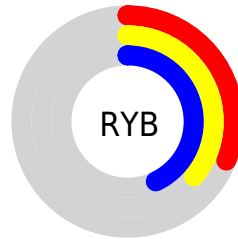
Distribution



Red (31%)

Green (42%)

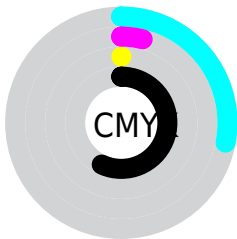
Blue (43%)



Red (31%)

Yellow (36%)

Blue (43%)

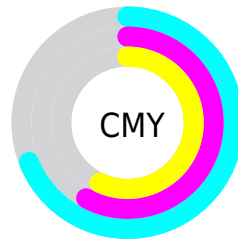


Cyan (28%)

Magenta (4%)

Yellow (0%)

Black (57%)



Cyan (69%)


Magenta (58%)


Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 10.390, 211.766 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, 10.390, 211.766 by changing the saturation by 10% instead.


 43, 10.390,
211.766


 43, 10.390,
211.766


 100, 10.390,
211.766


 33, 10.390,
211.766

 63, 10.390,
211.766


 23, 10.390,
211.766

 73, 10.390,
211.766

 13, 10.390,
211.766

 83, 10.390,
211.766

 3, 10.390, 211.766

 93, 10.390,
211.766

 0, 10.390, 211.766

 43, 10.390,

 43, 10.390,

211.766

■ 42, 13.556,
212.034

■ 41, 16.354,
212.482

■ 40, 18.729,
213.139

■ 39, 20.640,
214.049

■ 38, 22.061,
215.256

■ 38, 22.993,
216.806

■ 37, 23.595,
218.610

■ 37, 23.710,
218.940

211.766

■ 44, 6.914, 211.636

■ 45, 3.183, 211.666

■ 47, 0.749, 31.131

■ 48, 4.836, 31.662

■ 50, 9.039, 31.875

■ 51, 13.324, 32.106

■ 53, 17.663, 32.361

■ 54, 22.035, 32.634

■ 56, 26.422, 32.919

Harmonies

Complementary

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



43, 10.390, 211.766



38, 12.519, 32.246

Rectangle

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



43, 10.390, 211.766



43, 10.390, 261.766



43, 10.390, 31.766



43, 10.390, 81.766

Sweetspot

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



43, 10.390, 211.761



58, 3.874, 211.664



44, 20.922, 145.903



29, 2.726, 211.649



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



43, 10.390, 211.761



54, 15.145, 211.928



38, 12.410, 271.005



23, 2.230, 211.654



40, 25.153, 219.176



79, 42.822, 220.669

Inverse Universe

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



38, 20.780, 329.751



47, 30.983, 330.144



42, 12.706, 83.454



22, 4.194, 328.642



27, 59.990, 333.888



57, 101.892, 334.259

Previews

White Background



This preview shows how the CIE LCh color 43, 10.390, 211.766 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, 10.390, 211.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

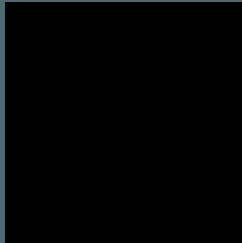
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

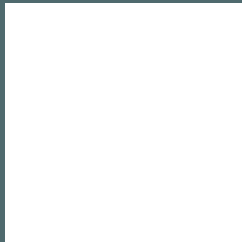
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 10.390, 211.766

Background



This preview shows how black text looks on a background with the CIELCh color 43, 10.390, 211.766.



This preview shows how white text looks on a background with the CIELCh color 43, 10.390, 211.766.

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, 10.390, 211.766

Protanopia
43, 3.615, 290.714

Deuteranopia
43, 8.358, 310.870



Tritanopia
43, 10.647, 225.457

Trichromacy



Original Color
43, 10.390, 211.766

Protanomaly
43, 4.911, 236.974

Deuteranomaly
43, 5.858, 267.204

Tritanomaly
43, 10.451, 222.303

Monochromacy



Original Color
43, 10.390, 211.766

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.056, 207.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 10.390, 211.766 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(79, 106, 110)` looks like.

```
.text, #text, p{  
    color:rgb(79, 106, 110)  
}
```

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(79, 106, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 106, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 10.390, 211.766 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(79, 106, 110) }
```

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

```
.border{ border-color:rgb(79, 106, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 106, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 106, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 106, 110);  
box-shadow:4px 4px 4px 4px rgb(79, 106,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 10.390, 211.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 106, 110) }
```

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

```
.background{ background-color: rgb(79, 106,  
110) }
```

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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