

Converting Colors

CIELCh(43, 18.129, 238.799)

Have a look what the booklet for
CIELCh(43, 18.129, 238.799)
contains.

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Color

CIELCh(43, 18.336, 239.570)

Conversions

Conversions Part 1

Format	Color
Hex	3F6B7F
RGB	63, 107, 127
RGB Percent	25%, 42%, 50%
CMY	0.7521, 0.5796, 0.5012
CMYK	0.50, 0.16, 0.00, 0.50
HSL	199°, 34%, 37%
HSV	199°, 50%, 50%
XYZ	11.1854, 13.1578, 22.0986
YIQ	96.1240, -32.6440, -3.1080

Conversions

Conversions Part 2

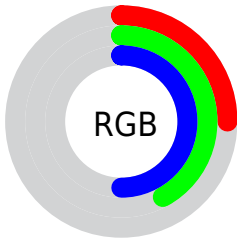
Format	Color
R_{YB}	63, 89, 127
Decimal	4156287
CIE _{Lab}	43.00, -9.29, -15.81
CIE _{LCh}	43, 18.336, 239.570
Yxy	13.1578, 0.2408, 0.2833
Android (android.graphics.Color)	4282346367 (0xFF3F6B7F)
YUV	96.1240, 15.2219, -29.0497
Hunter-Lab	36.2736, -8.4363, -10.7290

Details

The CIELCh color **43, 18.336, 239.570** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **40, 24.920, 50.343**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 18.402, 240.791**, and **23, 18.353, 238.907** is the 20% darker color. If you saturate the color by 10%, you get **41, 21.148, 241.923**, and if you desaturate by 10%, it is **45, 15.197, 237.670**.

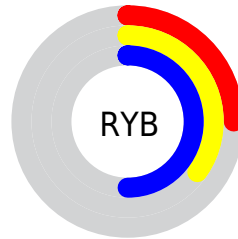
Distribution



Red (25%)

Green (42%)

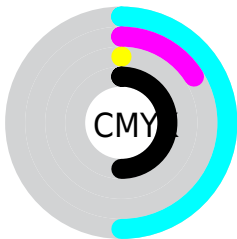
Blue (50%)



Red (25%)

Yellow (35%)

Blue (50%)

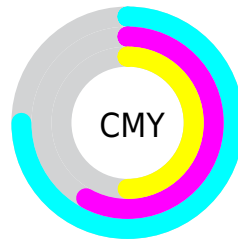


Cyan (50%)

Magenta (16%)

Yellow (0%)

Black (50%)



Cyan (75%)


Magenta (58%)


Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 18.336, 239.570 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, 18.336, 239.570 by changing the saturation by 10% instead.


 43, 18.336,
239.570


 43, 18.336,
239.570


 100, 18.336,
239.570


 33, 18.336,
239.570

 63, 18.336,
239.570


 23, 18.336,
239.570

 73, 18.336,
239.570

 13, 18.336,
239.570


 83, 18.336,
239.570

 3, 18.336, 239.570

 93, 18.336,
239.570

 0, 18.336, 239.570

 43, 18.336,

 43, 18.336,

239.570

239.570

■ 41, 21.148,
241.923

■ 45, 15.197,
237.670

■ 39, 23.620,
244.814

■ 47, 11.765,
236.150

■ 38, 25.766,
248.307

■ 49, 8.082, 234.942

■ 36, 27.637,
252.429

■ 51, 4.190, 234.006

■ 53, 0.131, 235.864

■ 35, 29.379,
256.661

■ 55, 4.058, 52.425

■ 58, 8.346, 51.969

■ 60, 12.706, 51.580

■ 62, 17.114, 51.262

Harmonies

Complementary

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



43, 18.336, 239.570



40, 24.920, 50.343

Rectangle

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



43, 18.336, 239.570



43, 18.336, 289.570



43, 18.336, 59.570



43, 18.336, 109.570

Sweetspot

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



43, 18.335, 239.569



64, 7.492, 234.444



48, 36.154, 149.776



33, 5.132, 234.615



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 18.335, 239.569



53, 26.004, 242.216



34, 32.217, 288.380



26, 2.300, 233.913



35, 29.432, 256.674



0, 0.000, 0.000

Inverse Universe

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



36, 36.171, 338.620



44, 52.098, 339.705



48, 30.096, 94.649



25, 4.097, 335.365



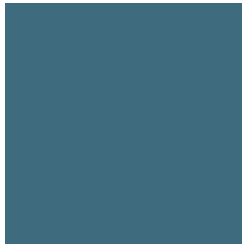
27, 55.113, 345.106



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 43, 18.336, 239.570 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, 18.336, 239.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

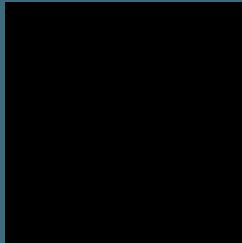
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

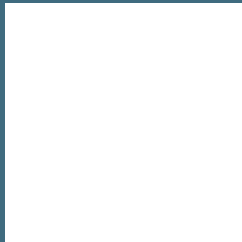
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 18.336, 239.570

Background



This preview shows how black text looks on a background with the CIELCh color 43, 18.336, 239.570.



This preview shows how white text looks on a background with the CIELCh color 43, 18.336, 239.570.

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, 18.336, 239.570

Protanopia

43, 13.307, 285.615

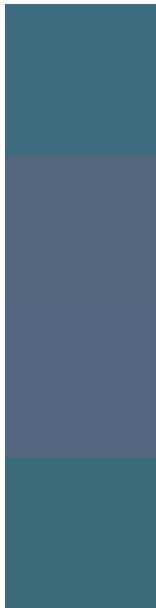
Deuteranopia

43, 18.094, 289.312



Tritanopia
43, 17.248, 216.122

Trichromacy



Original Color
43, 18.336, 239.570

Protanomaly
43, 14.137, 263.023

Deuteranomaly
43, 16.666, 269.975

Tritanomaly
43, 17.272, 225.020

Monochromacy



Original Color
43, 18.336, 239.570

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 7.403, 233.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 18.336, 239.570 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(63, 107, 127)` looks like.

```
.text, #text, p{  
    color:rgb(63, 107, 127)  
}
```

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(63, 107, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 107, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 18.336, 239.570 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(63, 107, 127) }
```

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

```
.border{ border-color:rgb(63, 107, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 107, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 107, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 107, 127);  
box-shadow:4px 4px 4px 4px rgb(63, 107,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 18.336, 239.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 107, 127) }
```

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

```
.background{ background-color: rgb(63, 107,  
127) }
```

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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