

Converting Colors

CIELCh(43, 15.781, 231.580)

Have a look what the booklet for
CIELCh(43, 15.781, 231.580)
contains.

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Color

CIELCh(43, 15.811, 233.253)

Conversions

Conversions Part 1

Format	Color
Hex	446B7A
RGB	68, 107, 122
RGB Percent	27%, 42%, 48%
CMY	0.7332, 0.5803, 0.5214
CMYK	0.44, 0.12, 0.00, 0.52
HSL	197°, 28%, 37%
HSV	197°, 44%, 48%
XYZ	11.1618, 13.1578, 20.3738
YIQ	97.0490, -28.0590, -3.6030

Conversions

Conversions Part 2

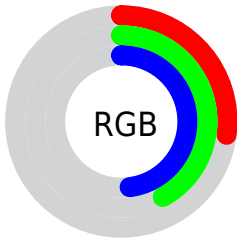
Format	Color
R _{YB}	68, 91, 122
Decimal	4483962
CIE _{Lab}	43.00, -9.46, -12.67
CIE _{LCh}	43, 15.811, 233.253
Yxy	13.1578, 0.2497, 0.2944
Android (android.graphics.Color)	4282674042 (0xFF446B7A)
YUV	97.0490, 12.3008, -25.4760
Hunter-Lab	36.2736, -8.5525, -7.9098

Details

The CIELCh color **43, 15.811, 233.253** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **39, 20.949, 47.027**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 15.712, 233.436**, and **23, 15.756, 231.266** is the 20% darker color. If you saturate the color by 10%, you get **41, 18.623, 235.069**, and if you desaturate by 10%, it is **45, 12.667, 231.812**.

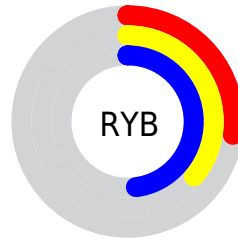
Distribution



Red (27%)

Green (42%)

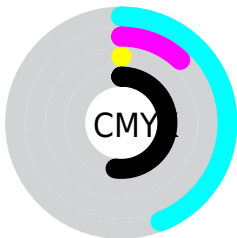
Blue (48%)



Red (27%)

Yellow (36%)

Blue (48%)

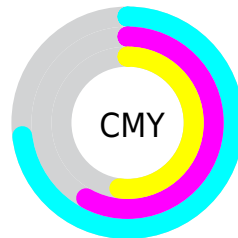


Cyan (44%)

Magenta (12%)

Yellow (0%)

Black (52%)



Cyan (73%)


Magenta (58%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 15.811, 233.253 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, 15.811, 233.253 by changing the saturation by 10% instead.


 43, 15.811,
233.253


 43, 15.811,
233.253


 100, 15.811,
233.253


 33, 15.811,
233.253

 63, 15.811,
233.253


 23, 15.811,
233.253


 73, 15.811,
233.253

 13, 15.811,
233.253

 83, 15.811,
233.253

 3, 15.811, 233.253

 93, 15.811,
233.253

 0, 15.811, 233.253

 43, 15.811,

 43, 15.811,

233.253

■ 41, 18.623,
235.069

■ 40, 21.072,
237.346

■ 38, 23.143,
240.162

■ 37, 24.855,
243.587

■ 36, 26.278,
247.619

■ 35, 27.102,
249.926

233.253

■ 45, 12.667,
231.812

■ 47, 9.235, 230.684

■ 48, 5.563, 229.817

■ 50, 1.695, 229.267

■ 52, 2.328, 48.359

■ 54, 6.470, 48.038

■ 56, 10.700, 47.737

■ 59, 14.993, 47.500

■ 61, 19.329, 47.319

Harmonies

Complementary

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



43, 15.811, 233.253



39, 20.949, 47.027

Rectangle

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



43, 15.811, 233.253



43, 15.811, 283.253



43, 15.811, 53.253



43, 15.811, 103.253

Sweetspot

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



43, 15.811, 233.251



62, 6.287, 229.749



47, 31.768, 149.278



31, 4.357, 229.885



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



43, 15.811, 233.251



53, 22.487, 235.075



35, 25.990, 285.127



25, 2.230, 229.470



36, 27.589, 250.056



70, 47.372, 252.903

Inverse Universe

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



37, 31.761, 336.504



44, 46.209, 337.339



46, 24.916, 93.157



24, 4.059, 333.946



27, 55.553, 342.639



56, 92.616, 343.659

Previews

White Background



This preview shows how the CIELCh color 43, 15.811, 233.253 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, 15.811, 233.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

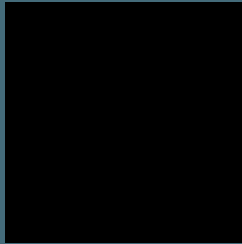
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

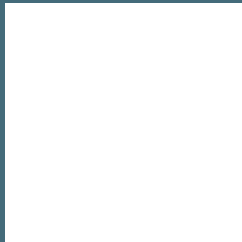
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 15.811, 233.253

Background



This preview shows how black text looks on a background with the CIELCh color 43, 15.811, 233.253.



This preview shows how white text looks on a background with the CIELCh color 43, 15.811, 233.253.

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, 15.811, 233.253

Protanopia

43, 10.861, 287.699

Deuteranopia

43, 15.088, 293.766



Tritanopia
43, 15.417, 218.610

Trichromacy



Original Color
43, 15.811, 233.253

Protanomaly
43, 11.141, 259.293

Deuteranomaly
43, 13.477, 269.645

Tritanomaly
43, 15.440, 223.547

Monochromacy



Original Color
43, 15.811, 233.253

Achromatopsia
41, 0.006, 296.813

Achromatomaly
42, 6.527, 226.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 15.811, 233.253 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(68, 107, 122)` looks like.

```
.text, #text, p{  
    color:rgb(68, 107, 122)  
}
```

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(68, 107, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 107, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 15.811, 233.253 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(68, 107, 122) }
```

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

```
.border{ border-color:rgb(68, 107, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 107, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 107, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 107, 122);  
box-shadow:4px 4px 4px 4px rgb(68, 107,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 15.811, 233.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 107, 122) }
```

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

```
.background{ background-color: rgb(68, 107,  
122) }
```

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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