

Converting Colors

CIELCh(43, 11.548, 233.672)

Have a look what the booklet for
CIELCh(43, 11.548, 233.672)
contains.

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Color

CIELCh(43, 11.677, 233.200)

Conversions

Conversions Part 1

Format	Color
Hex	4F6A75
RGB	79, 106, 117
RGB Percent	31%, 42%, 46%
CMY	0.6916, 0.5857, 0.5426
CMYK	0.33, 0.09, 0.00, 0.54
HSL	197°, 19%, 38%
HSV	197°, 33%, 46%
XYZ	11.5022, 13.1578, 18.6514
YIQ	99.1810, -19.6230, -2.3030

Conversions

Conversions Part 2

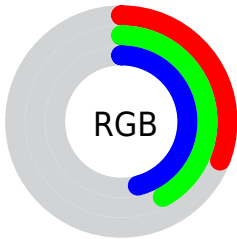
Format	Color
RYB	79, 95, 117
Decimal	5204597
CIELab	43.00, -6.99, -9.35
CIElCh	43, 11.677, 233.200
Yxy	13.1578, 0.2656, 0.3038
Android (android.graphics.Color)	4283394677 (0xFF4F6A75)
YUV	99.1810, 8.7848, -17.6987
Hunter-Lab	36.2736, -6.8771, -5.0945

Details

The CIELCh color $43, 11.677, 233.200$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $41, 14.146, 48.572$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 11.758, 233.689$, and $23, 11.697, 233.059$ is the 20% darker color. If you saturate the color by 10%, you get $41, 14.778, 234.636$, and if you desaturate by 10%, it is $45, 8.316, 232.060$.

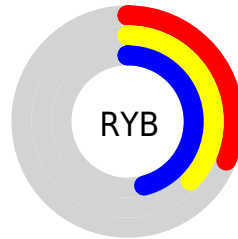
Distribution



Red (31%)

Green (42%)

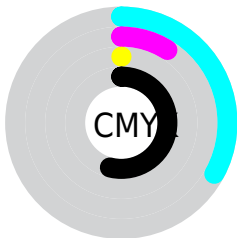
Blue (46%)



Red (31%)

Yellow (37%)

Blue (46%)

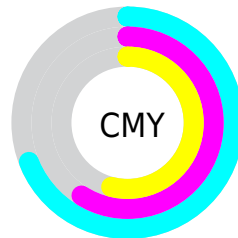


Cyan (33%)

Magenta (9%)

Yellow (0%)

Black (54%)



Cyan (69%)


Magenta (59%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 11.677, 233.200 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, 11.677, 233.200 by changing the saturation by 10% instead.


 43, 11.677,
233.200


 43, 11.677,
233.200


 100, 11.677,
233.200


 33, 11.677,
233.200

 63, 11.677,
233.200


 23, 11.677,
233.200

 73, 11.677,
233.200

 13, 11.677,
233.200


 83, 11.677,
233.200

 3, 11.677, 233.200

 93, 11.677,
233.200

 0, 11.677, 233.200

 43, 11.677,

 43, 11.677,

233.200

■ 41, 14.778,
234.636

■ 40, 17.580,
236.447

■ 38, 20.051,
238.707

■ 36, 22.175,
241.493

■ 35, 23.967,
244.876

■ 34, 25.478,
248.882

■ 33, 26.590,
251.885

233.200

■ 45, 8.316, 232.060

■ 47, 4.740, 231.184

■ 49, 0.989, 230.744

■ 51, 2.899, 49.714

■ 53, 6.892, 49.340

■ 55, 10.964, 49.012

■ 57, 15.090, 48.750

■ 59, 19.252, 48.543

■ 61, 23.436, 48.383

Harmonies

Complementary

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



43, 11.677, 233.200



41, 14.146, 48.572

Rectangle

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



43, 11.677, 233.200



43, 11.677, 283.200



43, 11.677, 53.200



43, 11.677, 103.200

Sweetspot

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



43, 11.677, 233.196



60, 4.669, 231.019



46, 22.422, 151.121



31, 3.203, 231.096



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 11.677, 233.196



53, 16.828, 234.228



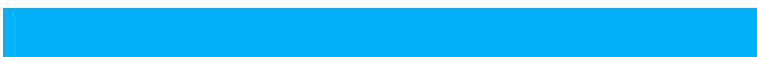
37, 18.506, 283.858



24, 2.148, 230.940



34, 27.578, 252.162



68, 47.834, 255.138

Inverse Universe

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



38, 22.543, 336.080



47, 33.122, 336.651



46, 17.925, 95.704



23, 3.884, 334.404



26, 54.346, 343.388



56, 91.210, 344.502

Previews

White Background



This preview shows how the CIE LCh color 43, 11.677, 233.200 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, 11.677, 233.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

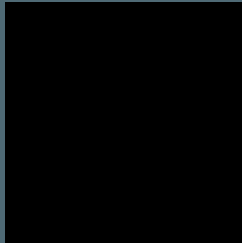
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

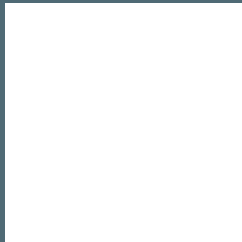
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 11.677, 233.200

Background



This preview shows how black text looks on a background with the CIELCh color 43, 11.677, 233.200.

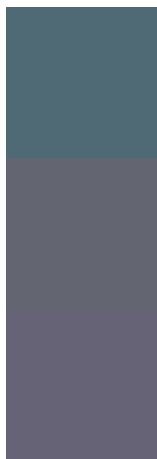


This preview shows how white text looks on a background with the CIELCh color 43, 11.677, 233.200.

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, 11.677, 233.200

Protanopia

43, 7.252, 285.010

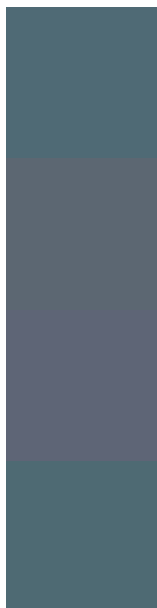
Deuteranopia

43, 11.591, 299.518



Tritanopia
43, 11.251, 223.841

Trichromacy



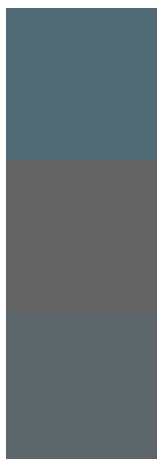
Original Color
43, 11.677, 233.200

Protanomaly
43, 7.753, 258.024

Deuteranomaly
43, 10.512, 277.000

Tritanomaly
43, 11.458, 226.761

Monochromacy



Original Color
43, 11.677, 233.200

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 4.282, 233.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 11.677, 233.200 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(79, 106, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 106, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 11.677, 233.200 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, 117) }
```

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

```
.border{ border-color:rgb(79, 106, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 106, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 106, 117);  
box-shadow:4px 4px 4px 4px rgb(79, 106,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 11.677, 233.200 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, 117) }
```

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

```
.background{ background-color: rgb(79, 106,  
117) }
```

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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