

Converting Colors

CIELCh(43, 11.242, 311.253)

Have a look what the booklet for
CIELCh(43, 11.242, 311.253)
contains.

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Color

CIELCh(43, 11.599, 311.622)

Conversions

Conversions Part 1

Format	Color
Hex	6C6274
RGB	108, 98, 116
RGB Percent	42%, 38%, 45%
CMY	0.5769, 0.6161, 0.5455
CMYK	0.07, 0.16, 0.00, 0.55
HSL	273°, 8%, 42%
HSV	273°, 16%, 45%
XYZ	13.6774, 13.1578, 18.3112
YIQ	103.0420, 0.1820, 7.7180

Conversions

Conversions Part 2

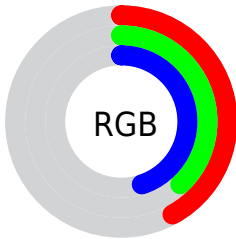
Format	Color
R_{YB}	108, 98, 116
Decimal	7103092
CIE Lab	43.00, 7.70, -8.67
CIE LCh	43, 11.599, 311.622
Yxy	13.1578, 0.3030, 0.2914
Android (android.graphics.Color)	4285293172 (0xFF6C6274)
YUV	103.0420, 6.3883, 4.3482
Hunter-Lab	36.2736, 3.8268, -4.5385

Details

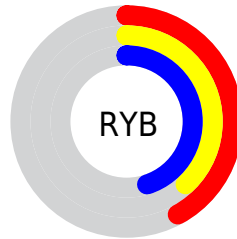
The CIELCh color **43, 11.599, 311.622** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 11.394, 130.348**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 11.323, 310.462**, and **23, 11.406, 312.139** is the 20% darker color. If you saturate the color by 10%, you get **39, 19.288, 312.075**, and if you desaturate by 10%, it is **47, 4.078, 311.182**.

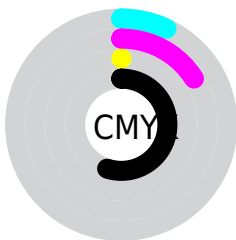
Distribution



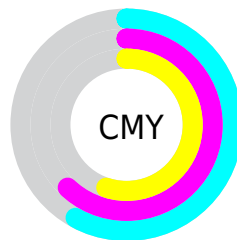
- Red (42%)
- Green (38%)
- Blue (45%)



- Red (42%)
- Yellow (38%)
- Blue (45%)



- Cyan (7%)
- Magenta (16%)
- Yellow (0%)
- Black (55%)





- Cyan (58%)
- Magenta (62%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 11.599, 311.622 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, 11.599, 311.622 by changing the saturation by 10% instead.


 43, 11.599,
311.622


 43, 11.599,
311.622


 100, 11.599,
311.622


 33, 11.599,
311.622

 63, 11.599,
311.622


 23, 11.599,
311.622

 73, 11.599,
311.622

 13, 11.599,
311.622

 83, 11.599,
311.622

 3, 11.599, 311.622

 93, 11.599,
311.622

 0, 11.599, 311.622

 43, 11.599,

 43, 11.599,

311.622

311.622

39, 19.288,
312.075

47, 4.078, 311.182

36, 27.101,
312.544

50, 3.245, 130.842

32, 34.948,
313.009

54, 10.362,
130.467

29, 42.682,
313.442

58, 17.272,
130.143

25, 50.072,
313.798

62, 23.978,
129.856

23, 56.785,
314.015

65, 30.490,
129.602

20, 62.396,
314.013

69, 36.814,
129.378

18, 66.673,
313.761

73, 42.962,
129.182

■ 17, 68.618,
313.695

■ 76, 48.942,
129.011

Harmonies

Complementary

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



43, 11.599, 311.622



48, 11.394, 130.348

Rectangle

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



43, 11.599, 311.622



43, 11.599, 1.622



43, 11.599, 131.622



43, 11.599, 181.622

Sweetspot

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



43, 11.598, 311.621



60, 4.567, 311.164



44, 6.631, 262.722



31, 3.142, 311.190



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, 11.598, 311.621



53, 17.658, 311.798



44, 12.600, 326.622



23, 4.212, 311.337



19, 71.388, 313.631



42, 121.646, 313.024

Inverse Universe

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



43, 8.898, 348.058



54, 13.545, 348.442



47, 12.584, 144.899



23, 3.231, 347.451



25, 49.050, 5.475



53, 83.185, 8.356

Previews

White Background



This preview shows how the CIELCh color 43, 11.599, 311.622 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, 11.599, 311.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

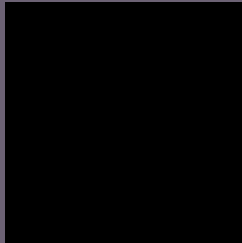
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 11.599, 311.622

Background



This preview shows how black text looks on a background with the CIELCh color 43, 11.599, 311.622.



This preview shows how white text looks on a background with the CIELCh color 43, 11.599, 311.622.

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

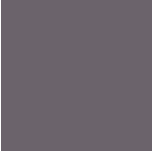
43, 11.599, 311.622

Protanopia

43, 10.271, 285.217

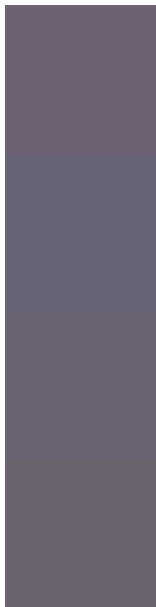
Deuteranopia

43, 10.553, 304.550



Tritanopia
43, 5.855, 324.799

Trichromacy



Original Color
43, 11.599, 311.622

Protanomaly
43, 10.286, 295.990

Deuteranomaly
43, 10.650, 306.634

Tritanomaly
43, 7.410, 316.972

Monochromacy



Original Color
43, 11.599, 311.622

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 4.535, 311.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 11.599, 311.622 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(108, 98, 116)` looks like.

```
.text, #text, p{  
    color:rgb(108, 98, 116)  
}
```

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(108, 98, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 98, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 11.599, 311.622 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(108, 98, 116) }
```

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

```
.border{ border-color:rgb(108, 98, 116) }
```

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

Here you see how a box with a 4 pixel rgb(108, 98, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 98, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 98, 116);  
box-shadow:4px 4px 4px 4px rgb(108, 98,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 11.599, 311.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 98, 116) }
```

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

```
.background{ background-color: rgb(108, 98,  
116) }
```

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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