

Converting Colors

CIELCh(44, 17.674, 309.482)

Have a look what the booklet for
CIELCh(44, 17.674, 309.482)
contains.

CIELCh(44, 17.600, 308.849)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(44, 17.600, 308.849)

Conversions

Conversions Part 1

Format	Color
Hex	70637F
RGB	112, 99, 127
RGB Percent	44%, 39%, 50%
CMY	0.5617, 0.6126, 0.5029
CMYK	0.12, 0.22, 0.00, 0.50
HSL	268°, 12%, 44%
HSV	268°, 22%, 50%
XYZ	14.9101, 13.8382, 21.8854
YIQ	106.0790, -1.2400, 11.4640

Conversions

Conversions Part 2

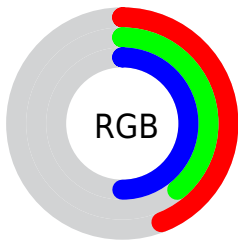
Format	Color
R _Y B	112, 99, 127
Decimal	7365503
CIE Lab	44.00, 11.04, -13.71
CIE LCh	44, 17.600, 308.849
Yxy	13.8382, 0.2945, 0.2733
Android (android.graphics.Color)	4285555583 (0xFF70637F)
YUV	106.0790, 10.3141, 5.1927
Hunter-Lab	37.1997, 6.4455, -8.8418

Details


The CIELCh color `44, 17.600, 308.849` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `51, 17.056, 126.817`, and the grayscale version is `45, 0.006, 296.813`.

A 20% lighter version of the original color is `64, 17.580, 308.681`, and `24, 18.006, 309.259` is the 20% darker color. If you saturate the color by 10%, you get `40, 25.898, 309.387`, and if you desaturate by 10%, it is `48, 9.495, 308.345`.

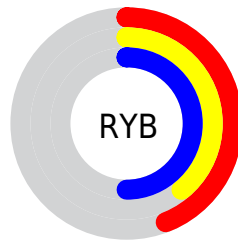
Distribution



 Red (44%)

 Green (39%)

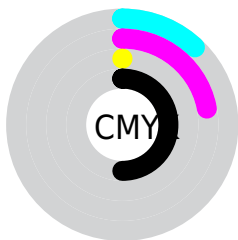
 Blue (50%)





 Red (44%)

 Yellow (39%)

 Blue (50%)

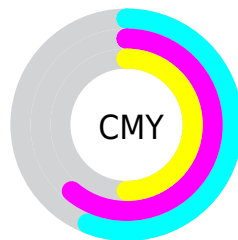



 Cyan (12%)

 Magenta (22%)

 Yellow (0%)

 Black (50%)



 Cyan (56%)

 Magenta (61%)

 Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 17.600, 308.849 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 44, 17.600, 308.849 by changing the saturation by 10% instead.

■ 44, 17.600,
308.849

■ 44, 17.600,
308.849

■ 100, 17.600,
308.849

■ 34, 17.600,
308.849

■ 64, 17.600,
308.849

■ 24, 17.600,
308.849

■ 74, 17.600,
308.849

■ 14, 17.600,
308.849

■ 84, 17.600,
308.849

■ 4, 17.600, 308.849

■ 94, 17.600,
308.849

■ 0, 17.600, 308.849

■ 44, 17.600,

■ 44, 17.600,

308.849

308.849

40, 25.898,
309.387

48, 9.495, 308.345

36, 34.333,
309.949

52, 1.615, 307.851

32, 42.789,
310.511

56, 6.030, 127.501

28, 51.067,
311.031

60, 13.441,
127.130

25, 58.850,
311.446

65, 20.624,
126.806

22, 65.673,
311.665

69, 27.588,
126.522

19, 70.969,
311.578

73, 34.343,
126.275

18, 74.640,
311.473

77, 40.902,
126.061

81, 47.275,

Harmonies

Complementary

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



44, 17.600, 308.849



51, 17.056, 126.817

Rectangle

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



44, 17.600, 308.849



44, 17.600, 358.849



44, 17.600, 128.849



44, 17.600, 178.849

Sweetspot

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



44, 17.599, 308.848



64, 6.805, 308.110



47, 9.269, 252.753



33, 4.459, 308.132



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



44, 17.599, 308.848



55, 25.960, 309.089



45, 19.696, 324.180



25, 4.433, 308.202



18, 74.954, 311.467



0, 0.000, 0.000

Inverse Universe

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



45, 14.524, 343.563



56, 21.350, 343.990



50, 19.645, 141.824



25, 3.682, 342.428



27, 51.297, 357.332



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 44, 17.600, 308.849 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 44, 17.600, 308.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

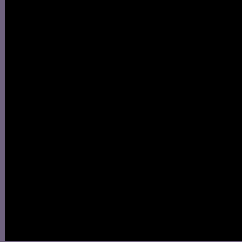
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 17.600, 308.849

Background



This preview shows how black text looks on a background with the CIELCh color 44, 17.600, 308.849.



This preview shows how white text looks on a background with the CIELCh color 44, 17.600, 308.849.

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


44, 17.600, 308.849

Protanopia

44, 16.236, 285.989

Deuteranopia

44, 14.413, 293.701



Tritanopia
44, 5.606, 321.303

Trichromacy



Original Color
44, 17.600, 308.849

Protanomaly
44, 16.848, 295.066

Deuteranomaly
44, 15.165, 299.451

Tritanomaly
44, 9.731, 312.993

Monochromacy



Original Color
44, 17.600, 308.849

Achromatopsia
45, 0.006, 296.813

Achromatomaly
44, 6.915, 307.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 17.600, 308.849 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(112, 99, 127)` looks like.

```
.text, #text, p{  
    color:rgb(112, 99, 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(112, 99, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 99, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 17.600, 308.849 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(112, 99, 127) }
```

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

```
.border{ border-color:rgb(112, 99, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 99, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 99, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 99, 127);  
box-shadow:4px 4px 4px 4px rgb(112, 99,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 17.600, 308.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 99, 127) }
```

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

```
.background{ background-color: rgb(112, 99,  
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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