

Converting Colors

CIELCh(43, 7.918, 310.670)

Have a look what the booklet for
CIELCh(43, 7.918, 310.670) contains.

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Color

CIELCh(43, 7.796, 312.346)

Conversions

Conversions Part 1

Format	Color
Hex	6A636F
RGB	106, 99, 111
RGB Percent	42%, 39%, 44%
CMY	0.5840, 0.6114, 0.5644
CMYK	0.05, 0.11, 0.00, 0.56
HSL	275°, 6%, 41%
HSV	275°, 11%, 44%
XYZ	13.2969, 13.1578, 16.9016
YIQ	102.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

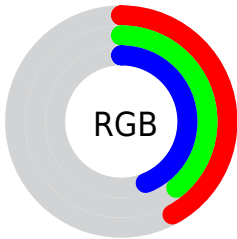
Format	Color
R _Y B	106, 99, 111
Decimal	6972271
CIE Lab	43.00, 5.25, -5.76
CIE LCh	43, 7.796, 312.346
Yxy	13.1578, 0.3067, 0.3035
Android (android.graphics.Color)	4285162351 (0xFF6A636F)
YUV	102.4610, 4.2097, 3.1037
Hunter-Lab	36.2736, 1.9543, -2.2344

Details

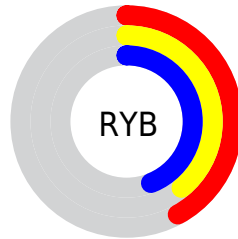
The CIELCh color $43, 7.796, 312.346$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 7.701, 131.502$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 7.776, 310.723$, and $23, 7.217, 313.062$ is the 20% darker color. If you saturate the color by 10%, you get $39, 15.184, 312.777$, and if you desaturate by 10%, it is $47, 0.577, 311.792$.

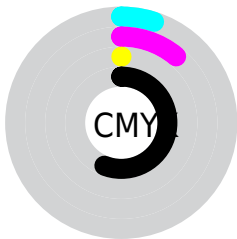
Distribution



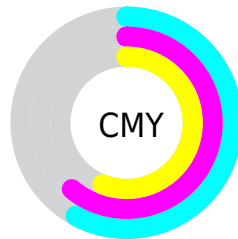
- Red (42%)
- Green (39%)
- Blue (44%)



- Red (42%)
- Yellow (39%)
- Blue (44%)



- Cyan (5%)
- Magenta (11%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 7.796, 312.346 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, 7.796, 312.346 by changing the saturation by 10% instead.

■ 43, 7.796, 312.346

■ 43, 7.796, 312.346

■ 100, 7.796,
312.346

■ 33, 7.796, 312.346

■ 63, 7.796, 312.346

■ 23, 7.796, 312.346

■ 73, 7.796, 312.346

■ 13, 7.796, 312.346

■ 83, 7.796, 312.346

■ 3, 7.796, 312.346

■ 93, 7.796, 312.346

■ 0, 7.796, 312.346

■ 43, 7.796, 312.346

■ 43, 7.796, 312.346

■ 39, 15.184,
312.777

■ 47, 0.577, 311.792

■ 36, 22.706,

■ 50, 6.450, 131.602

313.224

54, 13.280,
131.258

32, 30.290,
313.673

57, 19.913,
130.953

29, 37.821,
314.101

61, 26.355,
130.681

26, 45.113,
314.471

64, 32.611,
130.439

23, 51.895,
314.734

68, 38.691,
130.226

21, 57.802,
314.821

72, 44.603,
130.038

19, 62.420,
314.653

75, 50.358,
129.875

17, 66.176,
314.462

Harmonies

Complementary

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



43, 7.796, 312.346



46, 7.701, 131.502

Rectangle

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



43, 7.796, 312.346



43, 7.796, 2.346



43, 7.796, 132.346



43, 7.796, 182.346

Sweetspot

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



43, 7.795, 312.344



59, 2.677, 312.002



44, 4.529, 263.696



30, 2.046, 312.037



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 7.795, 312.344



55, 11.730, 312.453



43, 8.351, 326.841



22, 4.083, 312.268



19, 69.909, 314.371



42, 119.972, 313.756

Inverse Universe

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



43, 5.841, 349.271



55, 8.794, 349.514



46, 8.337, 145.686



22, 3.058, 349.101



24, 48.320, 7.958



53, 82.790, 11.077

Previews

White Background



This preview shows how the CIELCh color 43, 7.796, 312.346 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, 7.796, 312.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

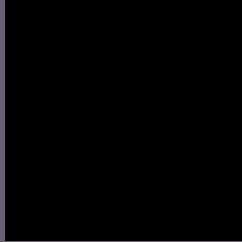
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 7.796, 312.346

Background



This preview shows how black text looks on a background with the CIELCh color 43, 7.796, 312.346.

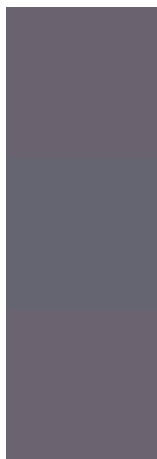


This preview shows how white text looks on a background with the CIELCh color 43, 7.796, 312.346.

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, 7.796, 312.346

Protanopia

43, 6.627, 287.723

Deuteranopia

43, 7.952, 315.081



Tritanopia
43, 5.427, 317.568

Trichromacy



Original Color

43, 7.796, 312.346

Protanomaly

43, 7.290, 297.480

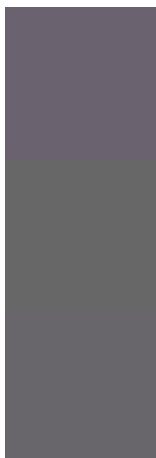
Deuteranomaly

43, 7.952, 315.081

Tritanomaly

43, 5.968, 314.973

Monochromacy



Original Color

43, 7.796, 312.346

Achromatopsia

44, 0.006, 296.813

Achromatomaly

43, 2.552, 309.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 7.796, 312.346 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(106, 99, 111)` looks like.

```
.text, #text, p{  
    color:rgb(106, 99, 111)  
}
```

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(106, 99, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 99, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 7.796, 312.346 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(106, 99, 111) }
```

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

```
.border{ border-color:rgb(106, 99, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 99, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 99, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 99, 111); box-shadow:4px 4px 4px 4px rgb(106, 99, 111) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 7.796, 312.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 99, 111) }
```

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

```
.background{ background-color: rgb(106, 99,  
111) }
```

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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