

Converting Colors

CIELCh(43, 10.475, 281.603)

Have a look what the booklet for
CIELCh(43, 10.475, 281.603)
contains.

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Color

CIELCh(43, 10.367, 281.041)

Conversions

Conversions Part 1

Format	Color
Hex	606576
RGB	96, 101, 118
RGB Percent	38%, 40%, 46%
CMY	0.6227, 0.6031, 0.5364
CMYK	0.19, 0.14, 0.00, 0.54
HSL	226°, 10%, 42%
HSV	226°, 19%, 46%
XYZ	12.8013, 13.1578, 19.0700
YIQ	101.4430, -8.4370, 4.2270

Conversions

Conversions Part 2

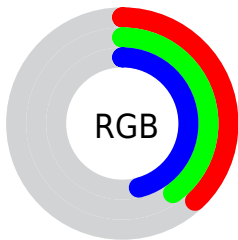
Format	Color
R _Y B	96, 100, 118
Decimal	6317430
CIE Lab	43.00, 1.99, -10.18
CIE LCh	43, 10.367, 281.041
Yxy	13.1578, 0.2843, 0.2922
Android (android.graphics.Color)	4284507510 (0xFF606576)
YUV	101.4430, 8.1626, -4.7735
Hunter-Lab	36.2736, -0.4848, -5.7788

Details

The CIELCh color **43, 10.367, 281.041** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **48, 10.206, 96.625**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 10.197, 281.016**, and **23, 10.822, 281.787** is the 20% darker color. If you saturate the color by 10%, you get **39, 16.144, 282.564**, and if you desaturate by 10%, it is **47, 4.740, 279.732**.

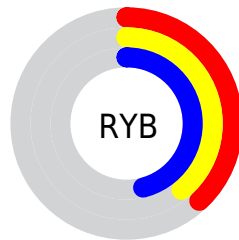
Distribution



Red (38%)

Green (40%)

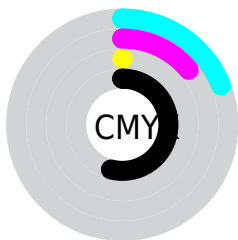
Blue (46%)



Red (38%)

Yellow (39%)

Blue (46%)

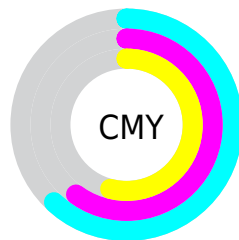


Cyan (19%)

Magenta (14%)

Yellow (0%)

Black (54%)



Cyan (62%)


Magenta (60%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 10.367, 281.041 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, 10.367, 281.041 by changing the saturation by 10% instead.


 43, 10.367,
281.041


 43, 10.367,
281.041


 100, 10.367,
281.041


 33, 10.367,
281.041

 63, 10.367,
281.041


 23, 10.367,
281.041

 73, 10.367,
281.041

 13, 10.367,
281.041

 83, 10.367,
281.041

 3, 10.367, 281.041

 93, 10.367,
281.041

 0, 10.367, 281.041

 43, 10.367,

 43, 10.367,

281.041

■ 39, 16.144,
282.564

■ 36, 22.086,
284.337

■ 32, 28.210,
286.388

■ 29, 34.532,
288.736

■ 25, 41.059,
291.375

■ 22, 47.760,
294.249

■ 19, 54.510,
297.233

■ 16, 61.065,
299.996

281.041

■ 47, 4.740, 279.732

■ 50, 0.745, 98.408

■ 54, 6.095, 97.557

■ 57, 11.317, 96.701

■ 61, 16.417, 95.945

■ 64, 21.397, 95.276

■ 68, 26.263, 94.682

■ 71, 31.019, 94.151

■ 75, 35.668, 93.674

■ 16, 61.943,
300.326

Harmonies

Complementary

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



43, 10.367, 281.041



48, 10.206, 96.625

Rectangle

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



43, 10.367, 281.041



43, 10.367, 331.041



43, 10.367, 101.041



43, 10.367, 151.041

Sweetspot

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



43, 10.366, 281.038



61, 4.067, 279.445



48, 9.197, 179.132



31, 2.683, 279.498



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, 10.366, 281.038



53, 15.209, 281.609



42, 13.556, 301.727



23, 3.078, 279.781



17, 63.733, 300.438



37, 113.636, 302.009

Inverse Universe

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



43, 9.785, 2.954



54, 14.406, 3.408



49, 13.083, 119.466



23, 2.876, 1.932



24, 52.196, 25.129



53, 90.764, 28.476

Previews

White Background



This preview shows how the CIELCh color 43, 10.367, 281.041 looks on a white background.

Color Contrast Check

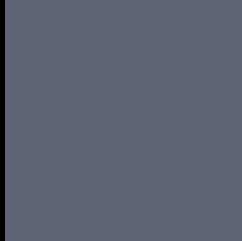
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.367, 281.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

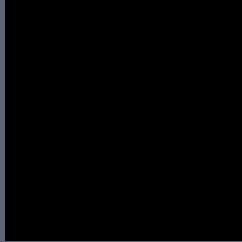
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

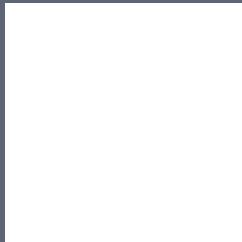
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 43, 10.367, 281.041

Background



This preview shows how black text looks on a background with the CIELCh color 43, 10.367, 281.041.

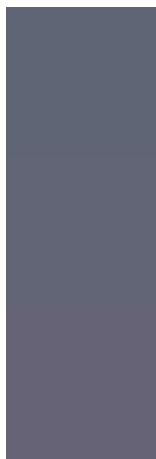


This preview shows how white text looks on a background with the CIELCh color 43, 10.367, 281.041.

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, 10.367, 281.041

Protanopia

43, 10.271, 285.217

Deuteranopia

43, 12.187, 299.193



Tritanopia
43, 6.016, 263.790

Trichromacy



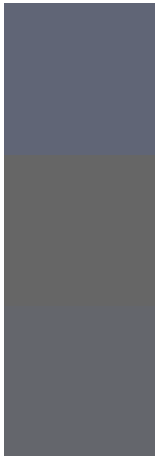
Original Color
43, 10.367, 281.041

Protanomaly
43, 10.313, 283.114

Deuteranomaly
43, 11.460, 293.749

Tritanomaly
43, 7.650, 270.444

Monochromacy



Original Color
43, 10.367, 281.041

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 3.684, 278.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 10.367, 281.041 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(96, 101, 118)` looks like.

```
.text, #text, p{  
    color:rgb(96, 101, 118)  
}
```

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(96, 101, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 101, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 10.367, 281.041 is called "border". The border property can be set on classes, ids or directly on the HTML element.

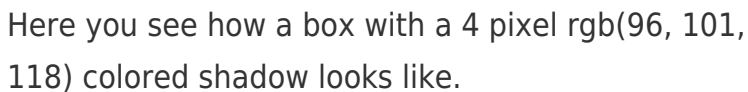
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 101, 118) }
```

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

```
.border{ border-color:rgb(96, 101, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 101, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 101, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 101, 118);  
box-shadow:4px 4px 4px 4px rgb(96, 101,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 10.367, 281.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 101, 118) }
```

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

```
.background{ background-color: rgb(96, 101,  
118) }
```

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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