

Converting Colors

CIELCh(39, 49.989, 213.205)

Have a look what the booklet for
CIELCh(39, 49.989, 213.205)
contains.

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Color

CIELCh(43, 27.197, 231.301)

Conversions

Conversions Part 1

Format	Color
Hex	036F88
RGB	3, 111, 136
RGB Percent	1%, 44%, 53%
CMY	0.9883, 0.5648, 0.4667
CMYK	0.98, 0.18, 0.00, 0.47
HSL	191°, 96%, 27%
HSV	191°, 98%, 53%
XYZ	10.1614, 13.1578, 25.2961
YIQ	81.5580, -72.3930, -15.1210

Conversions

Conversions Part 2

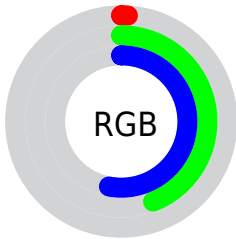
Format	Color
RYB	3, 63, 136
Decimal	225160
CIELab	43.00, -17.00, -21.23
CIElCh	43, 27.197, 231.301
Yxy	13.1578, 0.2090, 0.2707
Android (android.graphics.Color)	4278415240 (0xFF036F88)
YUV	81.5580, 26.8399, -68.8954
Hunter-Lab	36.2736, -13.4752, -15.9555

Details

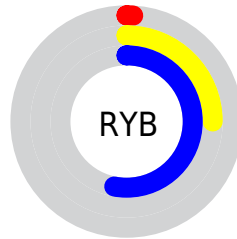
The CIELCh color **43, 27.197, 231.301** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 60.181, 42.964**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 27.079, 230.551**, and **24, 20.674, 245.705** is the 20% darker color. If you saturate the color by 10%, you get **43, 27.364, 231.969**, and if you desaturate by 10%, it is **44, 26.427, 228.238**.

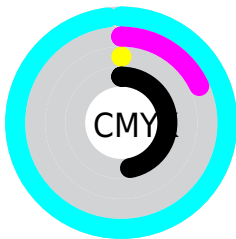
Distribution



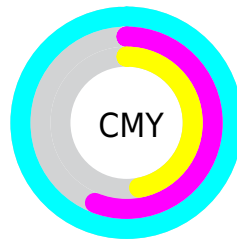
- Red (1%)
- Green (44%)
- Blue (53%)



- Red (1%)
- Yellow (25%)
- Blue (53%)



- Cyan (98%)
- Magenta (18%)
- Yellow (0%)
- Black (47%)





- Cyan (99%)
- Magenta (56%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 27.197, 231.301 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, 27.197, 231.301 by changing the saturation by 10% instead.


 43, 27.197,
231.301


 43, 27.197,
231.301


 100, 27.197,
231.301


 33, 27.197,
231.301

 63, 27.197,
231.301


 23, 27.197,
231.301

 73, 27.197,
231.301

 13, 27.197,
231.301

 83, 27.197,
231.301

 3, 27.197, 231.301

 93, 27.197,
231.301

 0, 27.197, 231.301

 43, 27.197,

 43, 27.197,

231.301

■ 43, 27.364,
231.969

231.301

■ 44, 26.427,
228.238

■ 45, 25.265,
225.647

■ 46, 23.578,
223.578

■ 47, 21.350,
221.961

■ 49, 18.602,
220.721

■ 50, 15.380,
219.794

■ 52, 11.745,
219.119

■ 54, 7.762, 218.655

Harmonies

Complementary

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



43, 27.197, 231.301



30, 60.181, 42.964

Rectangle

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



43, 27.197, 231.301



43, 27.197, 281.301



43, 27.197, 51.301



43, 27.197, 101.301

Sweetspot

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



43, 27.196, 231.301



66, 15.019, 219.225



49, 69.695, 138.893



34, 10.245, 219.466



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



43, 27.196, 231.301



55, 33.092, 232.840



23, 59.829, 295.932



28, 2.542, 218.414



42, 26.864, 231.873



1, 1.207, 218.131

Inverse Universe

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



31, 62.464, 336.977



40, 75.620, 337.406



43, 51.150, 78.347



27, 4.775, 330.633



29, 61.672, 337.145



0, 2.203, 330.116

Previews

White Background



This preview shows how the CIE LCh color 43, 27.197, 231.301 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, 27.197, 231.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

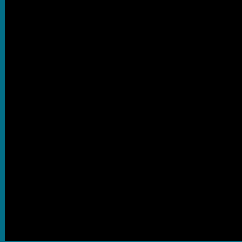
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 27.197, 231.301

Background



This preview shows how black text looks on a background with the CIELCh color 43, 27.197, 231.301.

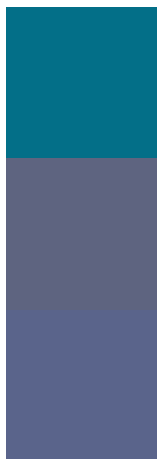


This preview shows how white text looks on a background with the CIELCh color 43, 27.197, 231.301.

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, 27.194, 231.250

Protanopia

43, 16.947, 285.199

Deuteranopia

43, 23.600, 285.171



Tritanopia
43, 26.542, 208.573

Trichromacy



Original Color
43, 27.194, 231.250

Protanomaly
42, 20.700, 250.946

Deuteranomaly
42, 24.104, 257.624

Tritanomaly
43, 26.306, 217.186

Monochromacy



Original Color
43, 27.194, 231.250

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 14.872, 219.951

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 27.197, 231.301 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(3, 111, 136)` looks like.

```
.text, #text, p{  
    color:rgb(3, 111, 136)  
}
```

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(3, 111, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 111, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 27.197, 231.301 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(3, 111, 136) }
```

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

```
.border{ border-color:rgb(3, 111, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 111, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 111, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 111, 136);  
box-shadow:4px 4px 4px 4px rgb(3, 111,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 27.197, 231.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 111, 136) }
```

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

```
.background{ background-color: rgb(3, 111,  
136) }
```

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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