

Converting Colors

CIELCh(36, 79.859, 207.150)

Have a look what the booklet for
CIELCh(36, 79.859, 207.150)
contains.

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Color

CIELCh(43, 28.945, 241.522)

Conversions

Conversions Part 1

Format	Color
Hex	036E8F
RGB	3, 110, 143
RGB Percent	1%, 43%, 56%
CMY	0.9872, 0.5686, 0.4390
CMYK	0.98, 0.23, 0.00, 0.44
HSL	194°, 96%, 29%
HSV	194°, 98%, 56%
XYZ	10.5784, 13.1578, 27.9893
YIQ	81.7690, -74.3650, -12.4210

Conversions

Conversions Part 2

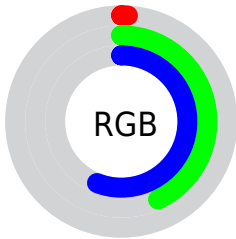
Format	Color
R_{YB}	3, 64, 143
Decimal	224911
CIE _{Lab}	43.00, -13.80, -25.44
CIE _{LCh}	43, 28.945, 241.522
Yxy	13.1578, 0.2045, 0.2544
Android (android.graphics.Color)	4278414991 (0xFF036E8F)
YUV	81.7690, 30.1869, -69.0804
Hunter-Lab	36.2736, -11.4232, -20.3575

Details

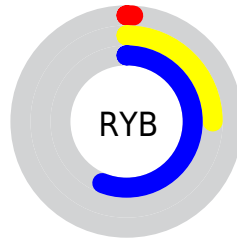
The CIELCh color **43, 28.945, 241.522** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **32, 61.387, 44.949**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 28.953, 240.969**, and **24, 23.414, 256.939** is the 20% darker color. If you saturate the color by 10%, you get **43, 29.205, 242.394**, and if you desaturate by 10%, it is **44, 27.821, 237.658**.

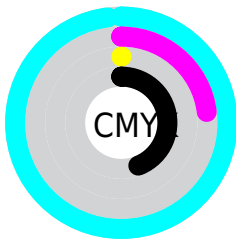
Distribution



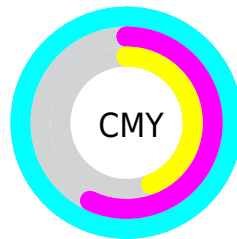
- Red (1%)
- Green (43%)
- Blue (56%)



- Red (1%)
- Yellow (25%)
- Blue (56%)



- Cyan (98%)
- Magenta (23%)
- Yellow (0%)
- Black (44%)




- Cyan (99%)
- Magenta (57%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 28.945, 241.522 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, 28.945, 241.522 by changing the saturation by 10% instead.


 43, 28.945,
241.522

 43, 28.945,
241.522


 100, 28.945,
241.522

 33, 28.945,
241.522

 63, 28.945,
241.522

 23, 28.945,
241.522

 73, 28.945,
241.522

 13, 28.945,
241.522

 83, 28.945,
241.522

 3, 28.945, 241.522

 93, 28.945,
241.522

 0, 28.945, 241.522

 43, 28.945,

 43, 28.945,

241.522

241.522

■ 43, 29.205,
242.394

■ 44, 27.821,
237.658

■ 46, 26.364,
234.341

■ 47, 24.438,
231.641

■ 49, 22.011,
229.487

■ 50, 19.096,
227.794

■ 52, 15.732,
226.483

■ 54, 11.974,
225.481

■ 56, 7.883, 224.734

Harmonies

Complementary

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



43, 28.945, 241.522



32, 61.387, 44.949

Rectangle

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



43, 28.945, 241.522



43, 28.945, 291.522



43, 28.945, 61.522



43, 28.945, 111.522

Sweetspot

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



43, 28.944, 241.522



68, 15.432, 225.649



52, 70.402, 140.029



35, 10.533, 226.021



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



43, 28.944, 241.522



55, 35.617, 243.430



22, 67.103, 298.617



29, 2.562, 224.282



40, 27.994, 242.138



1, 1.767, 223.792

Inverse Universe

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



32, 62.585, 339.872



42, 76.069, 340.466



47, 53.695, 82.765



28, 4.756, 332.373



30, 60.385, 340.069



1, 3.191, 331.831

Previews

White Background



This preview shows how the CIE LCh color 43, 28.945, 241.522 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, 28.945, 241.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

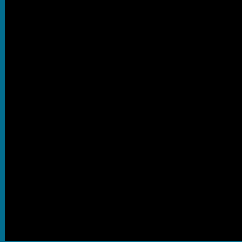
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 28.945, 241.522

Background



This preview shows how black text looks on a background with the CIELCh color 43, 28.945, 241.522.



This preview shows how white text looks on a background with the CIELCh color 43, 28.945, 241.522.

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, 28.940, 241.446

Protanopia

43, 21.204, 284.651

Deuteranopia

43, 27.365, 283.024



Tritanopia
43, 26.594, 207.182

Trichromacy



Original Color
43, 28.940, 241.446

Protanomaly
42, 23.982, 258.111

Deuteranomaly
42, 27.197, 262.026

Tritanomaly
43, 26.420, 219.995

Monochromacy



Original Color
43, 28.940, 241.446

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 15.126, 227.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 28.945, 241.522 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, 110, 143)` looks like.

```
.text, #text, p{  
    color:rgb(3, 110, 143)  
}
```

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, 110, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 110, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 28.945, 241.522 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, 110, 143) }
```

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

```
.border{ border-color:rgb(3, 110, 143) }
```

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

Here you see how a box with a 4 pixel rgb(3, 110, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 110, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 110, 143);  
box-shadow:4px 4px 4px 4px rgb(3, 110,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 28.945, 241.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 110, 143) }
```

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

```
.background{ background-color: rgb(3, 110,  
143) }
```

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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