

Converting Colors

CIELCh(40, 43.665, 219.144)

Have a look what the booklet for
CIELCh(40, 43.665, 219.144)
contains.

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Color

CIELCh(43, 27.806, 235.165)

Conversions

Conversions Part 1

Format	Color
Hex	026F8B
RGB	2, 111, 139
RGB Percent	1%, 44%, 55%
CMY	0.9921, 0.5661, 0.4562
CMYK	0.99, 0.20, 0.00, 0.46
HSL	192°, 97%, 28%
HSV	192°, 99%, 54%
XYZ	10.3061, 13.1578, 26.2950
YIQ	81.6010, -73.9520, -14.4000

Conversions

Conversions Part 2

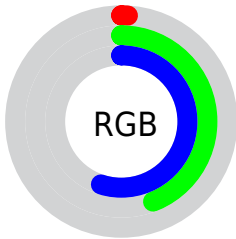
Format	Color
R_{YB}	2, 63, 139
Decimal	159627
CIE _{Lab}	43.00, -15.88, -22.82
CIE _{LCh}	43, 27.806, 235.165
Y _{xy}	13.1578, 0.2071, 0.2644
Android (android.graphics.Color)	4278349707 (0xFF026F8B)
YUV	81.6010, 28.2977, -69.8101
Hunter-Lab	36.2736, -12.7631, -17.5882

Details

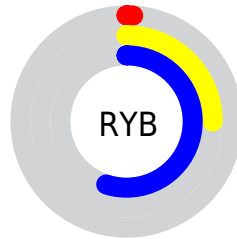
The CIELCh color **43, 27.806, 235.165** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **30, 61.157, 43.702**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 27.956, 235.079**, and **25, 21.795, 250.619** is the 20% darker color. If you saturate the color by 10%, you get **43, 27.934, 235.651**, and if you desaturate by 10%, it is **44, 26.942, 231.785**.

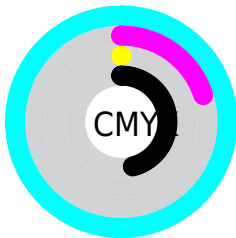
Distribution



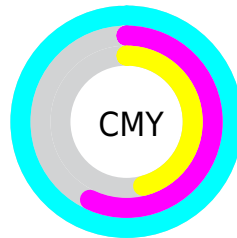
- Red (1%)
- Green (44%)
- Blue (55%)



- Red (1%)
- Yellow (25%)
- Blue (55%)



- Cyan (99%)
- Magenta (20%)
- Yellow (0%)
- Black (46%)




- Cyan (99%)
- Magenta (57%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 27.806, 235.165 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, 27.806, 235.165 by changing the saturation by 10% instead.


 43, 27.806,
235.165


 43, 27.806,
235.165


 100, 27.806,
235.165


 33, 27.806,
235.165

 63, 27.806,
235.165


 23, 27.806,
235.165

 73, 27.806,
235.165

 13, 27.806,
235.165

 83, 27.806,
235.165

 3, 27.806, 235.165

 93, 27.806,
235.165

 0, 27.806, 235.165

 43, 27.806,

 43, 27.806,

235.165

■ 43, 27.934,
235.651

235.165

■ 44, 26.942,
231.785

■ 45, 25.729,
228.880

■ 46, 24.011,
226.541

■ 48, 21.762,
224.696

■ 49, 19.000,
223.266

■ 51, 15.767,
222.179

■ 53, 12.120,
221.370

■ 54, 8.124, 220.790

Harmonies

Complementary

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



43, 27.806, 235.165



30, 61.157, 43.702

Rectangle

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



43, 27.806, 235.165



43, 27.806, 285.165



43, 27.806, 55.165



43, 27.806, 105.165

Sweetspot

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



43, 27.805, 235.165



67, 15.720, 221.521



50, 70.389, 139.147



34, 10.663, 221.812



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



43, 27.805, 235.165



55, 34.060, 236.610



22, 62.875, 297.115



28, 2.519, 220.439



41, 27.031, 235.468



1, 1.195, 220.084

Inverse Universe

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



31, 62.680, 338.036



41, 76.252, 338.450



44, 52.271, 79.684



27, 4.718, 331.228



29, 60.918, 338.129



0, 2.176, 330.704

Previews

White Background



This preview shows how the CIE LCh color 43, 27.806, 235.165 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, 27.806, 235.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

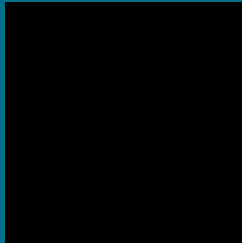
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 27.806, 235.165

Background



This preview shows how black text looks on a background with the CIELCh color 43, 27.806, 235.165.

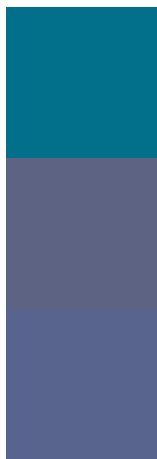


This preview shows how white text looks on a background with the CIELCh color 43, 27.806, 235.165.

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, 27.847, 235.030

Protanopia
43, 18.763, 285.174

Deuteranopia
43, 24.854, 284.317



Tritanopia
43, 26.594, 207.182

Trichromacy



Original Color
43, 27.847, 235.030

Protanomaly
42, 22.094, 254.170

Deuteranomaly
42, 25.126, 259.184

Tritanomaly
43, 26.306, 217.186

Monochromacy



Original Color
43, 27.847, 235.030

Achromatopsia
34, 0.005, 296.813

Achromatomaly
37, 15.012, 222.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 27.806, 235.165 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(2, 111, 139)` looks like.

```
.text, #text, p{  
    color:rgb(2, 111, 139)  
}
```

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(2, 111, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 111, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 27.806, 235.165 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(2, 111, 139) }
```

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

```
.border{ border-color:rgb(2, 111, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 111, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 111, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 111, 139);  
box-shadow:4px 4px 4px 4px rgb(2, 111,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 27.806, 235.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 111, 139) }
```

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

```
.background{ background-color: rgb(2, 111,  
139) }
```

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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