

Converting Colors

CIELCh(43, 28.868, 255.378)

Have a look what the booklet for
CIELCh(43, 28.868, 255.378)
contains.

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Color

CIELCh(43, 28.858, 255.575)

Conversions

Conversions Part 1

Format	Color
Hex	286B93
RGB	40, 107, 147
RGB Percent	16%, 42%, 58%
CMY	0.8414, 0.5792, 0.4222
CMYK	0.73, 0.27, 0.00, 0.42
HSL	202°, 57%, 37%
HSV	202°, 73%, 58%
XYZ	11.4752, 13.1578, 29.6765
YIQ	91.5270, -52.7720, -1.7640

Conversions

Conversions Part 2

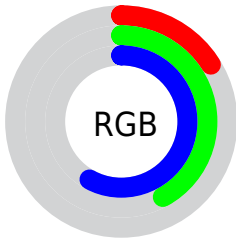
Format	Color
R_{YB}	40, 81, 147
Decimal	2648979
CIE _{Lab}	43.00, -7.19, -27.95
CIE _{LCh}	43, 28.858, 255.575
Yxy	13.1578, 0.2113, 0.2423
Android (android.graphics.Color)	4280839059 (0xFF286B93)
YUV	91.5270, 27.3482, -45.1892
Hunter-Lab	36.2736, -7.0103, -23.1153

Details

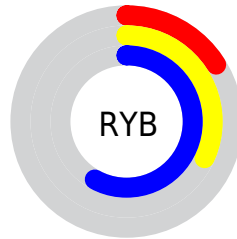
The CIELCh color **43, 28.858, 255.575** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **42, 42.790, 54.995**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 28.903, 255.551**, and **24, 26.228, 265.173** is the 20% darker color. If you saturate the color by 10%, you get **41, 31.804, 259.605**, and if you desaturate by 10%, it is **45, 25.677, 252.142**.

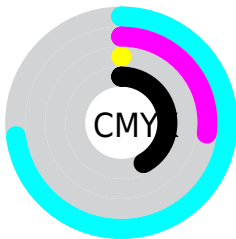
Distribution



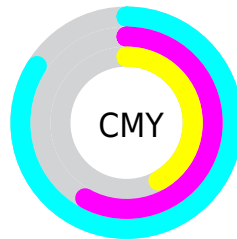
- Red (16%)
- Green (42%)
- Blue (58%)



- Red (16%)
- Yellow (32%)
- Blue (58%)



- Cyan (73%)
- Magenta (27%)
- Yellow (0%)
- Black (42%)





- Cyan (84%)
- Magenta (58%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 28.858, 255.575 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, 28.858, 255.575 by changing the saturation by 10% instead.


 43, 28.858,
255.575


 43, 28.858,
255.575


 100, 28.858,
255.575


 33, 28.858,
255.575

 63, 28.858,
255.575


 23, 28.858,
255.575

 73, 28.858,
255.575

 13, 28.858,
255.575

 83, 28.858,
255.575

 3, 28.858, 255.575

 93, 28.858,
255.575

 0, 28.858, 255.575

 43, 28.858,

 43, 28.858,

255.575

■ 41, 31.804,
259.605

■ 39, 34.603,
264.190

■ 37, 36.721,
267.654

255.575

■ 45, 25.677,
252.142

■ 48, 22.219,
249.275

■ 50, 18.477,
246.913

■ 52, 14.469,
244.980

■ 55, 10.228,
243.407

■ 58, 5.791, 242.138

■ 60, 1.197, 241.318

■ 63, 3.518, 60.029

■ 66, 8.323, 59.362

Harmonies

Complementary

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



43, 28.858, 255.575



42, 42.790, 54.995

Rectangle

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



43, 28.858, 255.575



43, 28.858, 305.575



43, 28.858, 75.575



43, 28.858, 125.575

Sweetspot

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



43, 28.857, 255.576



70, 12.345, 243.392



54, 53.078, 148.994



36, 8.322, 243.744



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



43, 28.857, 255.576



51, 40.681, 262.398



28, 59.316, 297.322



30, 2.628, 241.782



35, 34.806, 267.311



1, 2.330, 240.786

Inverse Universe

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



36, 52.449, 344.626



43, 69.848, 347.587



55, 49.593, 96.337



29, 4.438, 338.077



30, 56.194, 349.999



1, 3.849, 337.455

Previews

White Background



This preview shows how the CIELCh color 43, 28.858, 255.575 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, 28.858, 255.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

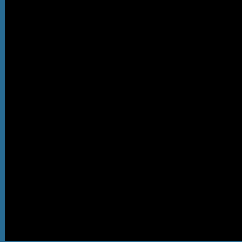
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 28.858, 255.575

Background



This preview shows how black text looks on a background with the CIELCh color 43, 28.858, 255.575.

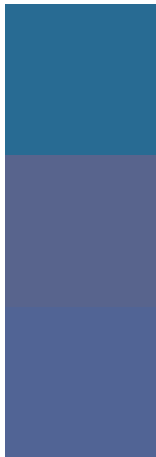


This preview shows how white text looks on a background with the CIELCh color 43, 28.858, 255.575.

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, 28.858, 255.575

Protanopia
43, 24.854, 284.317

Deuteranopia
43, 29.823, 282.713



Tritanopia
43, 25.330, 209.275

Trichromacy



Original Color
43, 28.858, 255.575

Protanomaly
43, 25.575, 270.435

Deuteranomaly
43, 28.652, 271.216

Tritanomaly
43, 24.946, 228.125

Monochromacy



Original Color
43, 28.858, 255.575

Achromatopsia
39, 0.006, 296.813

Achromatomaly
40, 12.230, 243.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 28.858, 255.575 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(40, 107, 147)` looks like.

```
.text, #text, p{  
    color:rgb(40, 107, 147)  
}
```

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(40, 107, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 107, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 28.858, 255.575 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(40, 107, 147) }
```

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

```
.border{ border-color:rgb(40, 107, 147) }
```

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

Here you see how a box with a 4 pixel rgb(40, 107, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 107, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 107, 147);  
box-shadow:4px 4px 4px 4px rgb(40, 107,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 28.858, 255.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 107, 147) }
```

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

```
.background{ background-color: rgb(40, 107,  
147) }
```

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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