

Converting Colors

CIELCh(44, 29.323, 240.468)

Have a look what the booklet for
CIELCh(44, 29.323, 240.468)
contains.

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Color

CIELCh(44, 29.363, 240.377)

Conversions

Conversions Part 1

Format	Color
Hex	007192
RGB	0, 113, 146
RGB Percent	0%, 44%, 57%
CMY	0.9985, 0.5576, 0.4282
CMYK	1.00, 0.23, 0.00, 0.43
HSL	194°, 99%, 29%
HSV	194°, 100%, 57%
XYZ	11.0603, 13.8382, 29.1992
YIQ	82.9750, -77.9410, -13.6930

Conversions

Conversions Part 2

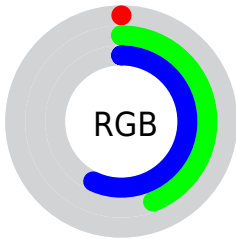
Format	Color
RYB	0, 64, 146
Decimal	29074
CIELab	44.00, -14.51, -25.53
CIElCh	44, 29.363, 240.377
Yxy	13.8382, 0.2045, 0.2558
Android (android.graphics.Color)	4278219154 (0xFF007192)
YUV	82.9750, 31.0713, -72.7691
Hunter-Lab	37.1997, -12.0274, -20.4987

Details

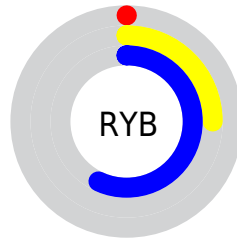
The CIELCh color **44, 29.363, 240.377** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **32, 63.859, 44.698**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 29.426, 239.919**, and **26, 23.627, 255.376** is the 20% darker color. If you saturate the color by 10%, you get **44, 29.390, 240.472**, and if you desaturate by 10%, it is **45, 28.329, 236.594**.

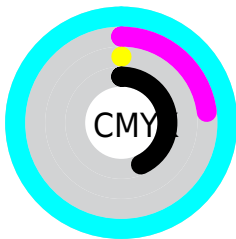
Distribution



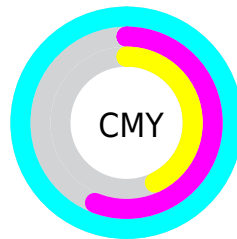
- Red (0%)
- Green (44%)
- Blue (57%)



- Red (0%)
- Yellow (25%)
- Blue (57%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (56%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 29.363, 240.377 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 44, 29.363, 240.377 by changing the saturation by 10% instead.


 44, 29.363,
240.377


 44, 29.363,
240.377


 100, 29.363,
240.377

 34, 29.363,
240.377

 64, 29.363,
240.377

 24, 29.363,
240.377

 74, 29.363,
240.377

 14, 29.363,
240.377

 84, 29.363,
240.377

 4, 29.363, 240.377

 94, 29.363,
240.377

 0, 29.363, 240.377

 44, 29.363,

 44, 29.363,

240.377

■ 44, 29.390,
240.472

240.377

■ 45, 28.329,
236.594

■ 46, 27.009,
233.261

■ 48, 25.208,
230.546

■ 49, 22.886,
228.380

■ 51, 20.048,
226.682

■ 53, 16.733,
225.370

■ 55, 12.995,
224.373

■ 56, 8.899, 223.632

Harmonies

Complementary

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



44, 29.363, 240.377



32, 63.859, 44.698

Rectangle

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



44, 29.363, 240.377



44, 29.363, 290.377



44, 29.363, 60.377



44, 29.363, 110.377

Sweetspot

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



44, 29.362, 240.377



69, 16.128, 224.448



53, 72.945, 139.302



35, 10.823, 224.798



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



44, 29.362, 240.377



56, 35.679, 241.443



23, 68.022, 298.450



30, 2.647, 223.100



42, 28.167, 240.227



2, 2.366, 222.649

Inverse Universe

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



32, 64.136, 339.539



43, 77.360, 339.858



47, 54.775, 80.873



29, 4.931, 332.022



30, 61.605, 339.495



1, 4.284, 331.482

Previews

White Background



This preview shows how the CIELCh color 44, 29.363, 240.377 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 44, 29.363, 240.377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

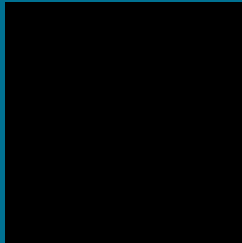
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 29.363, 240.377

Background



This preview shows how black text looks on a background with the CIELCh color 44, 29.363, 240.377.

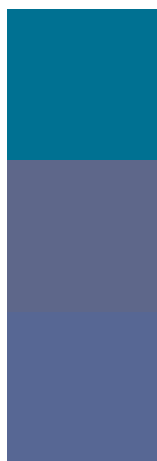


This preview shows how white text looks on a background with the CIELCh color 44, 29.363, 240.377.

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

44, 29.402, 240.304

Protanopia

44, 21.100, 284.539

Deuteranopia

44, 27.236, 282.860

Trichromacy



Original Color
44, 29.402, 240.304

Protanomaly
43, 24.189, 256.810

Deuteranomaly
43, 27.450, 260.452

Monochromacy



Original Color
44, 29.402, 240.304

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 15.613, 226.421

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 29.363, 240.377 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(0, 113, 146)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 146)  
}
```

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(0, 113, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 29.363, 240.377 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(0, 113, 146) }
```

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

```
.border{ border-color:rgb(0, 113, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 113, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 146);  
box-shadow:4px 4px 4px 4px rgb(0, 113,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 29.363, 240.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 146) }
```

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

```
.background{ background-color: rgb(0, 113,  
146) }
```

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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