

Converting Colors

CIELCh(43, 34.710, 218.445)

Have a look what the booklet for
CIELCh(43, 34.710, 218.445)
contains.

CIELCh(44, 27.316, 224.790)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(44, 27.316, 224.790)

Conversions

Conversions Part 1

Format	Color
Hex	007287
RGB	0, 114, 135
RGB Percent	0%, 45%, 53%
CMY	1.0000, 0.5519, 0.4696
CMYK	1.00, 0.16, 0.00, 0.47
HSL	189°, 100%, 27%
HSV	189°, 100%, 53%
XYZ	10.4112, 13.8382, 25.1377
YIQ	82.3080, -74.6850, -17.6370

Conversions

Conversions Part 2

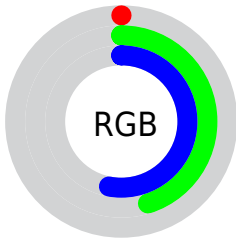
Format	Color
RYB	0, 62, 135
Decimal	29319
CIELab	44.00, -19.39, -19.24
CIELCh	44, 27.316, 224.790
Yxy	13.8382, 0.2108, 0.2802
Android (android.graphics.Color)	4278219399 (0xFF007287)
YUV	82.3080, 25.9772, -72.1841
Hunter-Lab	37.1997, -15.1422, -14.0254

Details

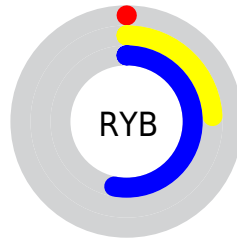
The CIELCh color **44, 27.316, 224.790** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **29, 61.809, 42.084**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 27.152, 224.740**, and **25, 19.819, 236.968** is the 20% darker color. If you saturate the color by 10%, you get **44, 27.204, 224.922**, and if you desaturate by 10%, it is **45, 26.608, 222.434**.

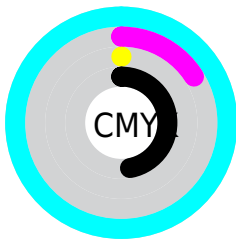
Distribution



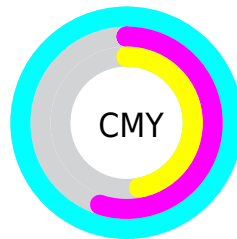
- Red (0%)
- Green (45%)
- Blue (53%)



- Red (0%)
- Yellow (24%)
- Blue (53%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (55%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 27.316, 224.790 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, 27.316, 224.790 by changing the saturation by 10% instead.

 44, 27.316,
224.790


 44, 27.316,
224.790


 100, 27.316,
224.790


 34, 27.316,
224.790

 64, 27.316,
224.790


 24, 27.316,
224.790


 74, 27.316,
224.790

 14, 27.316,
224.790

 84, 27.316,
224.790

 4, 27.316, 224.790

 94, 27.316,
224.790

 0, 27.316, 224.790

 44, 27.316,

 44, 27.316,

224.790

224.790

■ 44, 27.204,
224.922

■ 45, 26.608,
222.434

■ 46, 25.665,
220.271

■ 47, 24.168,
218.557

■ 48, 22.097,
217.234

■ 49, 19.472,
216.240

■ 50, 16.338,
215.519

■ 52, 12.757,
215.022

■ 53, 8.795, 214.710

Harmonies

Complementary

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



44, 27.316, 224.790



29, 61.809, 42.084

Rectangle

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



44, 27.316, 224.790



44, 27.316, 274.790



44, 27.316, 44.790



44, 27.316, 94.790

Sweetspot

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



44, 27.204, 224.922



66, 15.775, 215.049



49, 71.283, 137.996



34, 10.695, 215.213



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



44, 27.204, 224.922



57, 32.976, 225.649



23, 57.844, 294.647



28, 2.595, 214.568



43, 26.818, 224.861



1, 1.232, 214.423

Inverse Universe

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



30, 64.101, 335.330



40, 77.536, 335.516



41, 51.506, 74.902



27, 4.888, 329.511



30, 63.201, 335.314



0, 2.255, 329.007

Previews

White Background



This preview shows how the CIELCh color 44, 27.316, 224.790 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, 27.316, 224.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

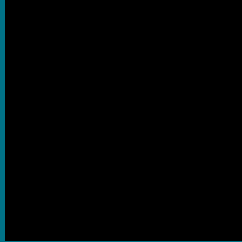
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 27.316, 224.790

Background



This preview shows how black text looks on a background with the CIELCh color 44, 27.316, 224.790.



This preview shows how white text looks on a background with the CIELCh color 44, 27.316, 224.790.

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, 27.166, 225.009

Protanopia

44, 14.461, 284.854

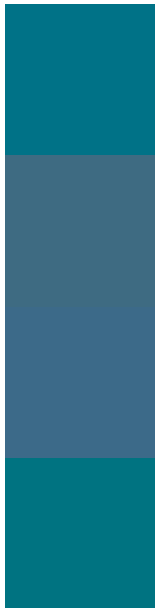
Deuteranopia

44, 21.653, 286.706



Tritanopia
44, 27.052, 208.284

Trichromacy



Original Color
44, 27.166, 225.009

Protanomaly
43, 19.512, 243.839

Deuteranomaly
43, 22.774, 254.097

Tritanomaly
44, 26.821, 215.267

Monochromacy



Original Color
44, 27.166, 225.009

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 15.204, 214.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 27.316, 224.790 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, 114, 135)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 135)  
}
```

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, 114, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 27.316, 224.790 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, 114, 135) }
```

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

```
.border{ border-color:rgb(0, 114, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 114, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 135);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 27.316, 224.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 135) }
```

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

```
.background{ background-color: rgb(0, 114,  
135) }
```

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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