

Converting Colors

CIELCh(44, 26.937, 221.265)

Have a look what the booklet for
CIELCh(44, 26.937, 221.265)
contains.

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Color

CIELCh(44, 26.899, 222.364)

Conversions

Conversions Part 1

Format	Color
Hex	027285
RGB	2, 114, 133
RGB Percent	1%, 45%, 52%
CMY	0.9915, 0.5515, 0.4769
CMYK	0.98, 0.14, 0.00, 0.48
HSL	189°, 97%, 27%
HSV	189°, 98%, 52%
XYZ	10.3475, 13.8382, 24.4563
YIQ	82.6780, -72.8510, -17.8350

Conversions

Conversions Part 2

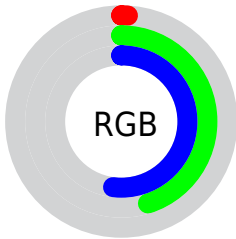
Format	Color
RYB	2, 62, 133
Decimal	160389
CIELab	44.00, -19.88, -18.13
CIELCh	44, 26.899, 222.364
Yxy	13.8382, 0.2127, 0.2845
Android (android.graphics.Color)	4278350469 (0xFF027285)
YUV	82.6780, 24.8087, -70.7546
Hunter-Lab	37.1997, -15.4480, -12.9393

Details

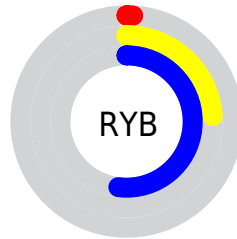
The CIELCh color **44, 26.899, 222.364** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **28, 60.459, 41.508**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 26.884, 222.324**, and **25, 19.338, 233.056** is the 20% darker color. If you saturate the color by 10%, you get **44, 26.992, 222.732**, and if you desaturate by 10%, it is **45, 26.312, 220.095**.

Distribution



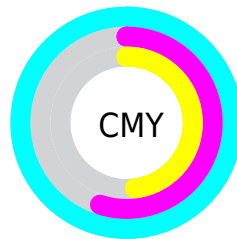
- Red (1%)
- Green (45%)
- Blue (52%)



- Red (1%)
- Yellow (24%)
- Blue (52%)



- Cyan (98%)
- Magenta (14%)
- Yellow (0%)
- Black (48%)




- Cyan (99%)
- Magenta (55%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 26.899, 222.364 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, 26.899, 222.364 by changing the saturation by 10% instead.


 44, 26.899,
222.364

 44, 26.899,
222.364


 100, 26.899,
222.364

 34, 26.899,
222.364

 64, 26.899,
222.364

 24, 26.899,
222.364

 74, 26.899,
222.364

 14, 26.899,
222.364

 84, 26.899,
222.364

 4, 26.899, 222.364

 94, 26.899,
222.364

 0, 26.899, 222.364

 44, 26.899,

 44, 26.899,

222.364

■ 44, 26.992,
222.732

222.364

■ 45, 26.312,
220.095

■ 46, 25.307,
218.184

■ 47, 23.738,
216.683

■ 48, 21.595,
215.537

■ 49, 18.903,
214.690

■ 50, 15.711,
214.091

■ 51, 12.081,
213.695

■ 53, 8.083, 213.469

Harmonies

Complementary

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



44, 26.899, 222.364



28, 60.459, 41.508

Rectangle

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



44, 26.899, 222.364



44, 26.899, 272.364



44, 26.899, 42.364



44, 26.899, 92.364

Sweetspot

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



44, 26.898, 222.364



65, 15.697, 213.770



48, 70.507, 137.869



33, 10.517, 213.905



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



44, 26.898, 222.364



56, 32.682, 223.411



24, 54.614, 293.020



27, 2.533, 213.409



43, 26.505, 222.659



0, 0.621, 213.306

Inverse Universe

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



30, 63.685, 334.669



40, 77.316, 334.947



41, 50.386, 73.715



26, 4.771, 329.170



29, 62.814, 334.757



0, 1.136, 328.673

Previews

White Background



This preview shows how the CIELCh color 44, 26.899, 222.364 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, 26.899, 222.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

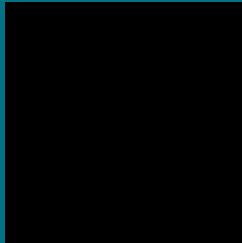
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 26.899, 222.364

Background



This preview shows how black text looks on a background with the CIELCh color 44, 26.899, 222.364.

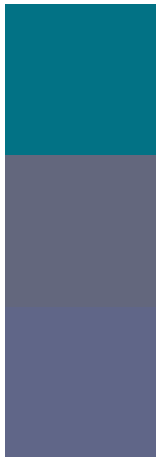


This preview shows how white text looks on a background with the CIELCh color 44, 26.899, 222.364.

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, 26.848, 222.421

Protanopia

44, 13.240, 285.550

Deuteranopia

44, 20.442, 287.074



Tritanopia
44, 26.843, 209.752

Trichromacy



Original Color
44, 26.848, 222.421

Protanomaly
43, 18.462, 241.807

Deuteranomaly
43, 21.385, 250.856

Tritanomaly
44, 26.749, 213.930

Monochromacy



Original Color
44, 26.848, 222.421

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 14.664, 215.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 26.899, 222.364 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, 114, 133)` looks like.

```
.text, #text, p{  
    color:rgb(2, 114, 133)  
}
```

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, 114, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 114, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 26.899, 222.364 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, 114, 133) }
```

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

```
.border{ border-color:rgb(2, 114, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 114, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 114, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 114, 133);  
box-shadow:4px 4px 4px 4px rgb(2, 114,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 26.899, 222.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 114, 133) }
```

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

```
.background{ background-color: rgb(2, 114,  
133) }
```

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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