

Converting Colors

CIELCh(43, 26.278, 214.553)

Have a look what the booklet for
CIELCh(43, 26.278, 214.553)
contains.

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Color

CIELCh(43, 26.250, 214.361)

Conversions

Conversions Part 1

Format	Color
Hex	02707D
RGB	2, 112, 125
RGB Percent	1%, 44%, 49%
CMY	0.9925, 0.5596, 0.5086
CMYK	0.98, 0.10, 0.00, 0.51
HSL	186°, 97%, 25%
HSV	186°, 98%, 49%
XYZ	9.5739, 13.1578, 21.5423
YIQ	80.5920, -69.7330, -19.2770

Conversions

Conversions Part 2

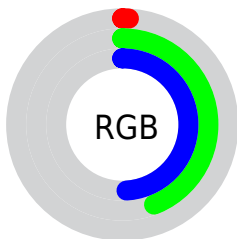
Format	Color
RYB	2, 60, 125
Decimal	159869
CIELab	43.00, -21.67, -14.82
CIELCh	43, 26.250, 214.361
Yxy	13.1578, 0.2162, 0.2972
Android (android.graphics.Color)	4278349949 (0xFF02707D)
YUV	80.5920, 21.8931, -68.9252
Hunter-Lab	36.2736, -16.3665, -9.8198

Details

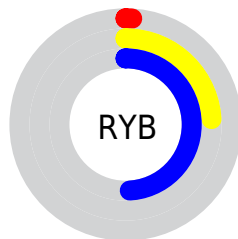
The CIELCh color **43, 26.250, 214.361** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **26, 58.083, 40.135**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 26.111, 215.061**, and **24, 18.181, 223.243** is the 20% darker color. If you saturate the color by 10%, you get **43, 26.330, 214.586**, and if you desaturate by 10%, it is **44, 25.707, 212.863**.

Distribution



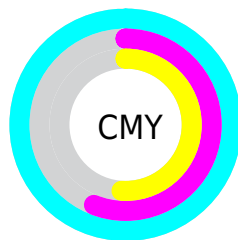
- Red (1%)
- Green (44%)
- Blue (49%)



- Red (1%)
- Yellow (24%)
- Blue (49%)



- Cyan (98%)
- Magenta (10%)
- Yellow (0%)
- Black (51%)





- Cyan (99%)
- Magenta (56%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 26.250, 214.361 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, 26.250, 214.361 by changing the saturation by 10% instead.


 43, 26.250,
214.361


 43, 26.250,
214.361


 100, 26.250,
214.361


 33, 26.250,
214.361

 63, 26.250,
214.361


 23, 26.250,
214.361

 73, 26.250,
214.361

 13, 26.250,
214.361

 83, 26.250,
214.361

 3, 26.250, 214.361

 93, 26.250,
214.361

 0, 26.250, 214.361

 43, 26.250,

 43, 26.250,

214.361

■ 43, 26.330,
214.586

214.361

■ 44, 25.707,
212.863

■ 44, 24.756,
211.606

■ 45, 23.243,
210.643

■ 46, 21.162,
209.938

■ 47, 18.540,
209.452

■ 48, 15.424,
209.153

■ 49, 11.877,
209.009

■ 50, 7.965, 208.998

Harmonies

Complementary

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



43, 26.250, 214.361



26, 58.083, 40.135

Rectangle

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



43, 26.250, 214.361



43, 26.250, 264.361



43, 26.250, 34.361



43, 26.250, 84.361

Sweetspot

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



43, 26.249, 214.360



62, 15.402, 209.029



45, 68.169, 137.397



31, 10.316, 209.073



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



43, 26.249, 214.360



55, 31.860, 215.080



23, 49.009, 290.497



26, 2.528, 209.112



44, 26.656, 214.622



0, 0.000, 0.000

Inverse Universe

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



28, 62.736, 332.686



38, 76.254, 332.879



37, 48.218, 70.852



25, 4.746, 327.914



29, 63.808, 332.766



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 26.250, 214.361 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, 26.250, 214.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

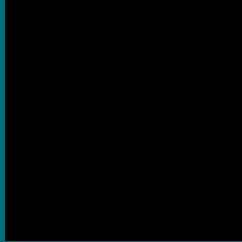
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 26.250, 214.361

Background



This preview shows how black text looks on a background with the CIELCh color 43, 26.250, 214.361.

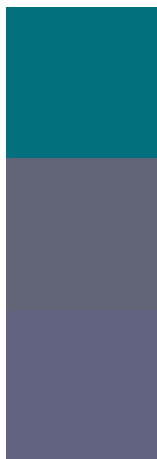


This preview shows how white text looks on a background with the CIELCh color 43, 26.250, 214.361.

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, 26.192, 214.406

Protanopia

43, 9.675, 284.705

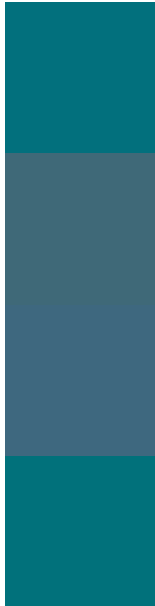
Deuteranopia

43, 17.483, 290.281



Tritanopia
43, 26.542, 208.573

Trichromacy



Original Color
43, 26.192, 214.406

Protanomaly
42, 16.517, 231.609

Deuteranomaly
42, 18.990, 245.818

Tritanomaly
43, 26.444, 210.005

Monochromacy



Original Color
43, 26.192, 214.406

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 14.550, 210.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 26.250, 214.361 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, 112, 125)` looks like.

```
.text, #text, p{  
    color:rgb(2, 112, 125)  
}
```

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, 112, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 112, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 26.250, 214.361 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, 112, 125) }
```

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

```
.border{ border-color:rgb(2, 112, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 112, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 112, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 112, 125);  
box-shadow:4px 4px 4px 4px rgb(2, 112,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 26.250, 214.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 112, 125) }
```

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

```
.background{ background-color: rgb(2, 112,  
125) }
```

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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