

Converting Colors

CIELCh(43, 26.301, 208.291)

Have a look what the booklet for
CIELCh(43, 26.301, 208.291)
contains.

CIELCh(43, 26.409, 207.275)	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(43, 26.409, 207.275)

Conversions

Conversions Part 1

Format	Color
Hex	027179
RGB	2, 113, 121
RGB Percent	1%, 44%, 47%
CMY	0.9903, 0.5576, 0.5263
CMYK	0.98, 0.07, 0.00, 0.53
HSL	184°, 96%, 24%
HSV	184°, 98%, 47%
XYZ	9.3529, 13.1578, 20.0724
YIQ	80.7230, -68.7240, -21.0440

Conversions

Conversions Part 2

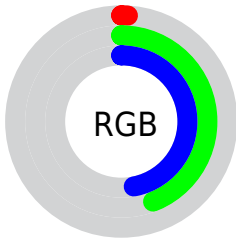
Format	Color
R_{YB}	2, 59, 121
Decimal	160121
CIE _{Lab}	43.00, -23.47, -12.10
CIE _{LCh}	43, 26.409, 207.275
Yxy	13.1578, 0.2196, 0.3090
Android (android.graphics.Color)	4278350201 (0xFF027179)
YUV	80.7230, 19.8566, -69.0401
Hunter-Lab	36.2736, -17.4537, -7.4172

Details

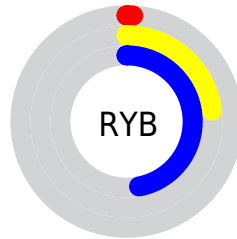
The CIELCh color **43, 26.409, 207.275** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **25, 56.610, 38.929**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 26.431, 207.124**, and **25, 18.109, 213.973** is the 20% darker color. If you saturate the color by 10%, you get **43, 26.523, 207.444**, and if you desaturate by 10%, it is **43, 25.825, 206.433**.

Distribution



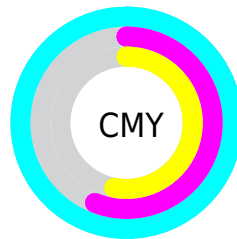
- Red (1%)
- Green (44%)
- Blue (47%)



- Red (1%)
- Yellow (23%)
- Blue (47%)



- Cyan (98%)
- Magenta (7%)
- Yellow (0%)
- Black (53%)





- Cyan (99%)
- Magenta (56%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 26.409, 207.275 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, 26.409, 207.275 by changing the saturation by 10% instead.


 43, 26.409,
207.275


 43, 26.409,
207.275


 100, 26.409,
207.275


 33, 26.409,
207.275

 63, 26.409,
207.275


 23, 26.409,
207.275

 73, 26.409,
207.275

 13, 26.409,
207.275

 83, 26.409,
207.275

 3, 26.409, 207.275

 93, 26.409,
207.275

 0, 26.409, 207.275

 43, 26.409,

 43, 26.409,

207.275

■ 43, 26.523,
207.444

207.275

■ 43, 25.825,
206.433

■ 44, 24.821,
205.749

■ 44, 23.256,
205.258

■ 45, 21.127,
204.941

■ 46, 18.462,
204.776

■ 47, 15.307,
204.743

■ 48, 11.724,
204.825

■ 49, 7.780, 205.006

Harmonies

Complementary

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



43, 26.409, 207.275



25, 56.610, 38.929

Rectangle

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



43, 26.409, 207.275



43, 26.409, 257.275



43, 26.409, 27.275



43, 26.409, 77.275

Sweetspot

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



43, 26.408, 207.274



61, 15.060, 204.803



44, 66.922, 137.007



31, 10.143, 204.769



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



43, 26.408, 207.274



56, 32.189, 207.750



24, 44.509, 287.571



25, 2.527, 205.262



44, 27.167, 207.486



85, 45.562, 208.142

Inverse Universe

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



28, 62.758, 330.940



37, 76.722, 331.082



35, 46.907, 68.076



24, 4.708, 326.776



28, 64.726, 331.017



59, 108.656, 331.178

Previews

White Background



This preview shows how the CIELCh color 43, 26.409, 207.275 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, 26.409, 207.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

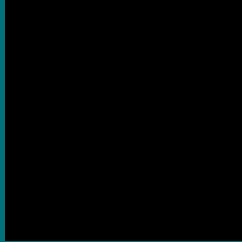
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 26.409, 207.275

Background



This preview shows how black text looks on a background with the CIELCh color 43, 26.409, 207.275.



This preview shows how white text looks on a background with the CIELCh color 43, 26.409, 207.275.

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, 26.471, 207.244

Protanopia

43, 7.227, 288.105

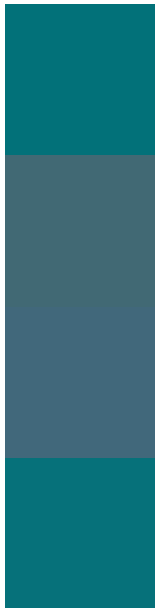
Deuteranopia

43, 15.088, 293.766



Tritanopia
43, 26.057, 208.845

Trichromacy



Original Color
43, 26.471, 207.244

Protanomaly
42, 15.184, 224.156

Deuteranomaly
42, 17.018, 241.084

Tritanomaly
43, 26.178, 208.777

Monochromacy



Original Color
43, 26.471, 207.244

Achromatopsia
34, 0.005, 296.813

Achromatomaly
37, 14.875, 202.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 26.409, 207.275 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, 113, 121)` looks like.

```
.text, #text, p{  
    color:rgb(2, 113, 121)  
}
```

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, 113, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 113, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 26.409, 207.275 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, 113, 121) }
```

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

```
.border{ border-color:rgb(2, 113, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 113, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 113, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 113, 121);  
box-shadow:4px 4px 4px 4px rgb(2, 113,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 26.409, 207.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 113, 121) }
```

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

```
.background{ background-color: rgb(2, 113,  
121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor