

Converting Colors

CIELCh(40, 51.252, 190.755)

Have a look what the booklet for
CIELCh(40, 51.252, 190.755)
contains.

CIELCh(43, 28.245, 191.319)	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, 28.245, 191.319)

Conversions

Conversions Part 1

Format	Color
Hex	02726E
RGB	2, 114, 110
RGB Percent	1%, 45%, 43%
CMY	0.9904, 0.5532, 0.5690
CMYK	0.98, 0.00, 0.04, 0.55
HSL	178°, 96%, 23%
HSV	178°, 98%, 45%
XYZ	8.8490, 13.1578, 16.7988
YIQ	80.0560, -65.4680, -24.9880

Conversions

Conversions Part 2

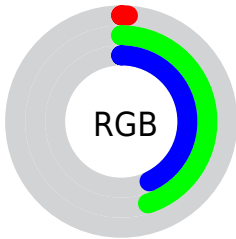
Format	Color
RYB	2, 59, 114
Decimal	160366
CIELab	43.00, -27.70, -5.54
CIELCh	43, 28.245, 191.319
Yxy	13.1578, 0.2280, 0.3391
Android (android.graphics.Color)	4278350446 (0xFF02726E)
YUV	80.0560, 14.7624, -68.4551
Hunter-Lab	36.2736, -19.9337, -2.0665

Details

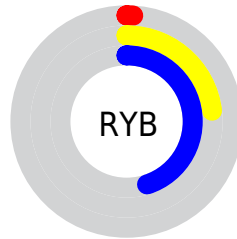
The CIELCh color **43, 28.245, 191.319** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22, 53.816, 35.517**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 28.091, 191.245**, and **24, 19.211, 192.292** is the 20% darker color. If you saturate the color by 10%, you get **43, 28.427, 191.221**, and if you desaturate by 10%, it is **43, 27.375, 191.781**.

Distribution



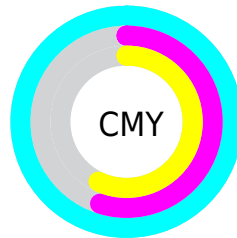
- Red (1%)
- Green (45%)
- Blue (43%)



- Red (1%)
- Yellow (23%)
- Blue (45%)



- Cyan (98%)
- Magenta (0%)
- Yellow (4%)
- Black (55%)





- Cyan (99%)
- Magenta (55%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 28.245, 191.319 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, 28.245, 191.319 by changing the saturation by 10% instead.


 43, 28.245,
191.319


 43, 28.245,
191.319


 100, 28.245,
191.319


 33, 28.245,
191.319

 63, 28.245,
191.319


 23, 28.245,
191.319

 73, 28.245,
191.319

 13, 28.245,
191.319

 83, 28.245,
191.319

 3, 28.245, 191.319

 93, 28.245,
191.319

 0, 28.245, 191.319

 43, 28.245,

 43, 28.245,

191.319

191.319

■ 43, 28.427,
191.221

■ 43, 27.375,
191.781

■ 43, 26.110,
192.247

■ 44, 24.305,
192.718

■ 44, 21.959,
193.204

■ 44, 19.096,
193.709

■ 45, 15.763,
194.239

■ 46, 12.021,
194.795

■ 46, 7.935, 195.382

Harmonies

Complementary

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



43, 28.245, 191.319



22, 53.816, 35.517

Rectangle

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



43, 28.245, 191.319



43, 28.245, 241.319



43, 28.245, 11.319



43, 28.245, 61.319

Sweetspot

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



43, 28.245, 191.318



58, 15.399, 194.688



41, 65.137, 135.805



29, 10.380, 194.504



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 28.245, 191.318



55, 34.346, 191.092



26, 33.934, 275.594



23, 2.520, 195.950



45, 29.479, 191.194



88, 50.435, 190.906

Inverse Universe

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



22, 53.816, 35.517



30, 67.744, 37.910



30, 46.305, 58.461



22, 2.650, 16.931



24, 57.027, 36.364



52, 100.785, 38.984

Previews

White Background



This preview shows how the CIELCh color 43, 28.245, 191.319 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, 28.245, 191.319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

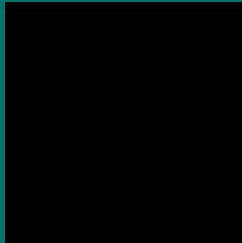
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 28.245, 191.319

Background



This preview shows how black text looks on a background with the CIELCh color 43, 28.245, 191.319.



This preview shows how white text looks on a background with the CIELCh color 43, 28.245, 191.319.

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, 28.282, 191.348

Protanopia

43, 1.032, 343.556

Deuteranopia

43, 8.925, 309.591



Tritanopia
43, 24.550, 209.754

Trichromacy



Original Color
43, 28.282, 191.348

Protanomaly
42, 14.779, 195.307

Deuteranomaly
42, 13.629, 218.986

Tritanomaly
43, 25.853, 202.023

Monochromacy



Original Color
43, 28.282, 191.348

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 14.845, 195.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 28.245, 191.319 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(2, 114, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 114, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 28.245, 191.319 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, 110) }
```

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

```
.border{ border-color:rgb(2, 114, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(2, 114, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(2, 114, 110); box-shadow:4px 4px 4px 4px rgb(2, 114, 110) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 28.245, 191.319 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, 110) }
```

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

```
.background{ background-color: rgb(2, 114,  
110) }
```

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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