

Converting Colors

CIELCh(43, 26.793, 190.429)

Have a look what the booklet for
CIELCh(43, 26.793, 190.429)
contains.

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Color

CIELCh(43, 26.591, 191.190)

Conversions

Conversions Part 1

Format	Color
Hex	16716D
RGB	22, 113, 109
RGB Percent	9%, 44%, 43%
CMY	0.9154, 0.5556, 0.5713
CMYK	0.81, 0.00, 0.04, 0.56
HSL	177°, 68%, 26%
HSV	177°, 81%, 44%
XYZ	9.0389, 13.1578, 16.6193
YIQ	85.3350, -52.9520, -20.5360

Conversions

Conversions Part 2

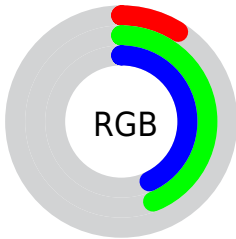
Format	Color
R_{YB}	22, 69, 113
Decimal	1470829
CIE _{Lab}	43.00, -26.09, -5.16
CIE _{LCh}	43, 26.591, 191.190
Yxy	13.1578, 0.2329, 0.3390
Android (android.graphics.Color)	4279660909 (0xFF16716D)
YUV	85.3350, 11.6668, -55.5448
Hunter-Lab	36.2736, -18.9989, -1.7731

Details

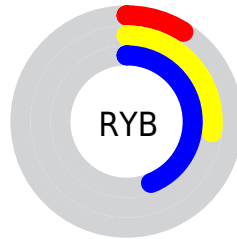
The CIELCh color **43, 26.591, 191.190** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24, 45.494, 30.062**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 26.465, 191.013**, and **24, 19.022, 192.241** is the 20% darker color. If you saturate the color by 10%, you get **43, 27.717, 190.652**, and if you desaturate by 10%, it is **43, 24.936, 191.718**.

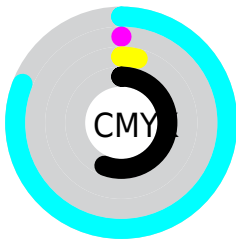
Distribution



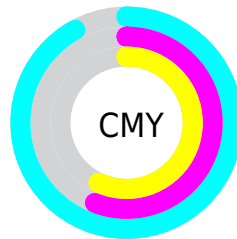
- Red (9%)
- Green (44%)
- Blue (43%)



- Red (9%)
- Yellow (27%)
- Blue (44%)



- Cyan (81%)
- Magenta (0%)
- Yellow (4%)
- Black (56%)





- Cyan (92%)
- Magenta (56%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 26.591, 191.190 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, 26.591, 191.190 by changing the saturation by 10% instead.


 43, 26.591,
191.190


 43, 26.591,
191.190


 100, 26.591,
191.190


 33, 26.591,
191.190

 63, 26.591,
191.190


 23, 26.591,
191.190

 73, 26.591,
191.190

 13, 26.591,
191.190

 83, 26.591,
191.190

 3, 26.591, 191.190

 93, 26.591,
191.190

 0, 26.591, 191.190

 43, 26.591,

 43, 26.591,

191.190

■ 43, 27.717,
190.652

■ 43, 28.504,
190.172

191.190

■ 43, 24.936,
191.718

■ 44, 22.740,
192.249

■ 44, 20.021,
192.790

■ 45, 16.821,
193.347

■ 45, 13.197,
193.925

■ 46, 9.215, 194.526

■ 47, 4.943, 195.166

■ 48, 0.446, 196.521

■ 49, 4.215, 16.260

Harmonies

Complementary

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



43, 26.591, 191.190



24, 45.494, 30.062

Rectangle

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



43, 26.591, 191.190



43, 26.591, 241.190



43, 26.591, 11.190



43, 26.591, 61.190

Sweetspot

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



43, 26.591, 191.189



59, 12.980, 194.303



41, 59.137, 136.818



30, 8.785, 194.137



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, 26.591, 191.189



55, 34.333, 190.180



29, 28.496, 268.453



23, 2.523, 195.304



45, 29.674, 190.136



88, 50.792, 189.792

Inverse Universe

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



24, 45.494, 30.062



30, 66.056, 36.862



32, 38.228, 60.952



22, 2.651, 16.314



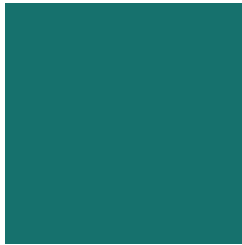
24, 56.826, 36.056



52, 100.507, 38.776

Previews

White Background



This preview shows how the CIELCh color 43, 26.591, 191.190 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, 26.591, 191.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

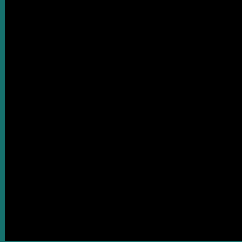
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 26.591, 191.190

Background



This preview shows how black text looks on a background with the CIELCh color 43, 26.591, 191.190.



This preview shows how white text looks on a background with the CIELCh color 43, 26.591, 191.190.

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, 26.477, 191.180

Protanopia
43, 1.032, 343.556

Deuteranopia
43, 9.639, 310.770



Tritanopia
43, 23.666, 210.331

Trichromacy



Original Color
43, 26.477, 191.180

Protanomaly
42, 12.097, 197.986

Deuteranomaly
42, 11.568, 223.146

Tritanomaly
43, 24.251, 204.004

Monochromacy



Original Color
43, 26.477, 191.180

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 12.613, 194.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 26.591, 191.190 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(22, 113, 109)` looks like.

```
.text, #text, p{  
    color:rgb(22, 113, 109)  
}
```

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(22, 113, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 113, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 26.591, 191.190 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(22, 113, 109) }
```

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

```
.border{ border-color:rgb(22, 113, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 113, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 113, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 113, 109);  
box-shadow:4px 4px 4px 4px rgb(22, 113,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 26.591, 191.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 113, 109) }
```

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

```
.background{ background-color: rgb(22, 113,  
109) }
```

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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