

Converting Colors

CIELCh(43, 26.770, 184.915)

Have a look what the booklet for
CIELCh(43, 26.770, 184.915)
contains.

CIELCh(43, 26.447, 185.847)	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, 26.447, 185.847)

Conversions

Conversions Part 1

Format	Color
Hex	1D7169
RGB	29, 113, 105
RGB Percent	11%, 44%, 41%
CMY	0.8849, 0.5559, 0.5873
CMYK	0.74, 0.00, 0.07, 0.56
HSL	174°, 59%, 28%
HSV	174°, 74%, 44%
XYZ	9.0124, 13.1578, 15.4953
YIQ	86.9720, -47.4960, -20.2960

Conversions

Conversions Part 2

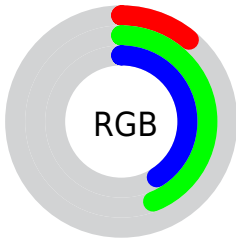
Format	Color
R_{YB}	29, 73, 113
Decimal	1929577
CIE _{Lab}	43.00, -26.31, -2.69
CIE _{LCh}	43, 26.447, 185.847
Yxy	13.1578, 0.2393, 0.3493
Android (android.graphics.Color)	4280119657 (0xFF1D7169)
YUV	86.9720, 8.8878, -50.8414
Hunter-Lab	36.2736, -19.1297, 0.0641

Details

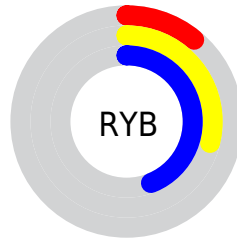
The CIELCh color **43, 26.447, 185.847** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **25, 40.574, 23.995**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 26.451, 186.061**, and **24, 20.065, 184.520** is the 20% darker color. If you saturate the color by 10%, you get **43, 28.131, 184.933**, and if you desaturate by 10%, it is **43, 24.230, 186.700**.

Distribution



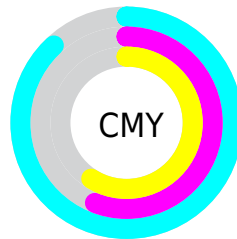
- Red (11%)
- Green (44%)
- Blue (41%)



- Red (11%)
- Yellow (29%)
- Blue (44%)



- Cyan (74%)
- Magenta (0%)
- Yellow (7%)
- Black (56%)



- Cyan (88%)
- Magenta (56%)
- Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 26.447, 185.847 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, 26.447, 185.847 by changing the saturation by 10% instead.

 43, 26.447,
185.847


 43, 26.447,
185.847


 100, 26.447,
185.847


 33, 26.447,
185.847

 63, 26.447,
185.847


 23, 26.447,
185.847

 73, 26.447,
185.847

 13, 26.447,
185.847

 83, 26.447,
185.847

 3, 26.447, 185.847

 93, 26.447,
185.847

 0, 26.447, 185.847

 43, 26.447,

 43, 26.447,

185.847

185.847

■ 43, 28.131,
184.933

■ 43, 24.230,
186.700

■ 43, 29.320,
183.954

■ 44, 21.493,
187.510

■ 43, 29.960,
183.384

■ 44, 18.278,
188.291

■ 45, 14.641,
189.052

■ 46, 10.650,
189.802

■ 46, 6.373, 190.556

■ 47, 1.879, 191.413

■ 48, 2.772, 11.814

■ 49, 7.526, 12.606

Harmonies

Complementary

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



43, 26.447, 185.847



25, 40.574, 23.995

Rectangle

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



43, 26.447, 185.847



43, 26.447, 235.847



43, 26.447, 5.847



43, 26.447, 55.847

Sweetspot

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



43, 26.447, 185.846



59, 12.157, 189.914



42, 55.099, 136.571



30, 8.075, 189.766



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, 26.447, 185.846



55, 35.196, 184.224



32, 24.552, 259.144



23, 2.551, 190.956



45, 31.215, 183.312



88, 53.621, 182.633

Inverse Universe

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



25, 40.574, 23.995



31, 59.774, 30.773



32, 34.954, 57.279



22, 2.667, 12.139



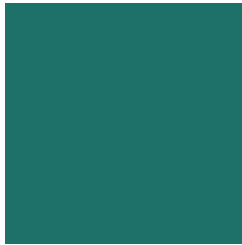
24, 55.491, 33.889



52, 98.081, 36.853

Previews

White Background



This preview shows how the CIELCh color 43, 26.447, 185.847 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, 26.447, 185.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

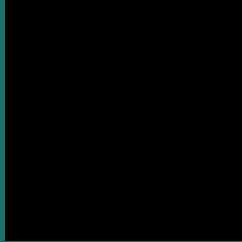
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 26.447, 185.847

Background



This preview shows how black text looks on a background with the CIELCh color 43, 26.447, 185.847.



This preview shows how white text looks on a background with the CIELCh color 43, 26.447, 185.847.

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, 26.447, 185.847

Protanopia
43, 2.186, 74.660

Deuteranopia
43, 7.610, 319.761



Tritanopia
43, 22.206, 211.380

Trichromacy



Original Color
43, 26.447, 185.847

Protanomaly
42, 11.238, 185.592

Deuteranomaly
42, 9.735, 212.799

Tritanomaly
43, 23.371, 201.328

Monochromacy



Original Color
43, 26.447, 185.847

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 12.196, 189.138

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 26.447, 185.847 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(29, 113, 105)` looks like.

```
.text, #text, p{  
    color:rgb(29, 113, 105)  
}
```

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(29, 113, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 113, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 26.447, 185.847 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(29, 113, 105) }
```

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

```
.border{ border-color:rgb(29, 113, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 113, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 113, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 113, 105);  
box-shadow:4px 4px 4px 4px rgb(29, 113,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 26.447, 185.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 113, 105) }
```

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

```
.background{ background-color: rgb(29, 113,  
105) }
```

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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