

Converting Colors

CIELCh(35, 106.524, 183.112)

Have a look what the booklet for
CIELCh(35, 106.524, 183.112)
contains.

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Color

CIELCh(41, 31.857, 174.415)

Conversions

Conversions Part 1

Format	Color
Hex	026E5B
RGB	2, 110, 91
RGB Percent	1%, 43%, 36%
CMY	0.9929, 0.5695, 0.6442
CMYK	0.98, 0.00, 0.17, 0.57
HSL	169°, 97%, 22%
HSV	169°, 98%, 43%
XYZ	7.4503, 11.8645, 11.7340
YIQ	75.5420, -58.2690, -28.8050

Conversions

Conversions Part 2

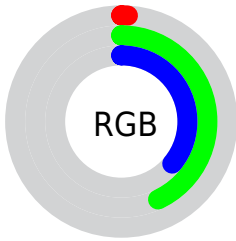
Format	Color
RYB	2, 61, 110
Decimal	159323
CIELab	41.00, -31.71, 3.10
CIElCh	41, 31.857, 174.415
Yxy	11.8645, 0.2400, 0.3821
Android (android.graphics.Color)	4278349403 (0xFF026E5B)
YUV	75.5420, 7.6208, -64.4963
Hunter-Lab	34.4449, -21.6700, 3.9138

Details

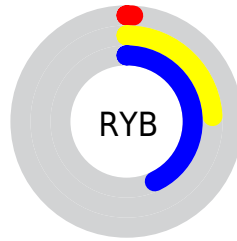
The CIELCh color **41, 31.857, 174.415** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22, 48.788, 27.741**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 31.817, 174.721**, and **22, 23.243, 167.967** is the 20% darker color. If you saturate the color by 10%, you get **41, 32.099, 174.187**, and if you desaturate by 10%, it is **41, 30.386, 175.867**.

Distribution



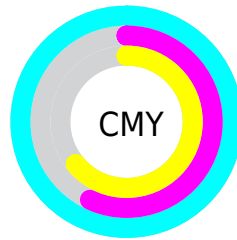
- Red (1%)
- Green (43%)
- Blue (36%)



- Red (1%)
- Yellow (24%)
- Blue (43%)



- Cyan (98%)
- Magenta (0%)
- Yellow (17%)
- Black (57%)





- Cyan (99%)
- Magenta (57%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 31.857, 174.415 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 41, 31.857, 174.415 by changing the saturation by 10% instead.


 41, 31.857,
174.415


 41, 31.857,
174.415


 100, 31.857,
174.415


 31, 31.857,
174.415

 61, 31.857,
174.415


 21, 31.857,
174.415

 71, 31.857,
174.415

 11, 31.857,
174.415

 81, 31.857,
174.415

 1, 31.857, 174.415

 91, 31.857,
174.415

 0, 31.857, 174.415

 41, 31.857,

 41, 31.857,

174.415

174.415

■ 41, 32.099,
174.187

■ 41, 30.386,
175.867

■ 41, 28.579,
177.259

■ 42, 26.270,
178.523

■ 42, 23.469,
179.679

■ 43, 20.210,
180.745

■ 43, 16.550,
181.740

■ 44, 12.554,
182.679

■ 45, 8.293, 183.578

Harmonies

Complementary

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



41, 31.857, 174.415



22, 48.788, 27.741

Rectangle

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



41, 31.857, 174.415



41, 31.857, 224.415



41, 31.857, 354.415



41, 31.857, 44.415

Sweetspot

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



41, 31.857, 174.414



56, 16.383, 182.453



40, 62.460, 134.460



28, 11.013, 182.161



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



41, 31.857, 174.414



53, 39.005, 173.695



30, 26.119, 255.866



23, 2.623, 184.411



45, 34.243, 174.011



88, 59.198, 172.967

Inverse Universe

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



22, 48.788, 27.741



29, 60.623, 29.968



25, 47.601, 48.882



22, 2.720, 5.774



24, 52.943, 28.948



52, 93.165, 32.201

Previews

White Background



This preview shows how the CIELCh color 41, 31.857, 174.415 looks on a white background.

Color Contrast Check

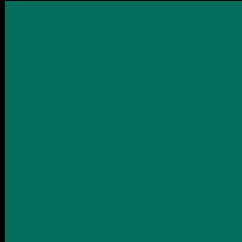
Large Text (above 18pt) WCAG AA ✓ Pass

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 41, 31.857, 174.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

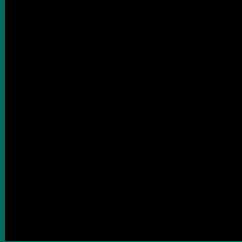
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 31.857, 174.415

Background



This preview shows how black text looks on a background with the CIELCh color 41, 31.857, 174.415.



This preview shows how white text looks on a background with the CIELCh color 41, 31.857, 174.415.

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

41, 31.864, 174.479

Protanopia

41, 7.575, 92.185

Deuteranopia

41, 6.025, 14.431



Tritanopia
41, 22.295, 211.371

Trichromacy



Original Color
41, 31.864, 174.479

Protanomaly
40, 17.181, 165.106

Deuteranomaly
40, 12.440, 180.638

Tritanomaly
41, 24.868, 195.130

Monochromacy



Original Color
41, 31.864, 174.479

Achromatopsia
32, 0.005, 296.813

Achromatomaly
34, 16.037, 181.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 31.857, 174.415 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, 110, 91)` looks like.

```
.text, #text, p{  
    color:rgb(2, 110, 91)  
}
```

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, 110, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 110, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 31.857, 174.415 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, 110, 91) }
```

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

```
.border{ border-color:rgb(2, 110, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 110, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 110, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 110, 91);  
box-shadow:4px 4px 4px 4px rgb(2, 110, 91)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 31.857, 174.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 110, 91) }
```

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

```
.background{ background-color: rgb(2, 110,  
91) }
```

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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