

Converting Colors

CIELCh(41, 35.748, 165.937)

Have a look what the booklet for
CIELCh(41, 35.748, 165.937)
contains.

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Color

CIELCh(41, 35.675, 165.881)

Conversions

Conversions Part 1

Format	Color
Hex	026E51
RGB	2, 110, 81
RGB Percent	1%, 43%, 32%
CMY	0.9919, 0.5668, 0.6807
CMYK	0.98, 0.00, 0.26, 0.57
HSL	164°, 96%, 22%
HSV	164°, 98%, 43%
XYZ	7.1523, 11.8645, 9.7815
YIQ	74.4020, -55.0590, -31.9150

Conversions

Conversions Part 2

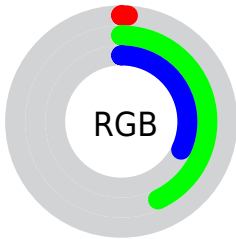
Format	Color
RYB	2, 64, 110
Decimal	159313
CIELab	41.00, -34.60, 8.70
CIELCh	41, 35.675, 165.881
Yxy	11.8645, 0.2484, 0.4120
Android (android.graphics.Color)	4278349393 (0xFF026E51)
YUV	74.4020, 3.2528, -63.4966
Hunter-Lab	34.4449, -23.2141, 7.2745

Details

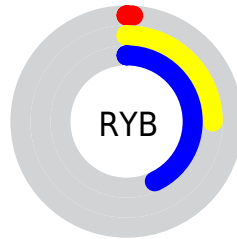
The CIELCh color **41, 35.675, 165.881** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **22, 46.658, 20.266**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 35.425, 165.765**, and **22, 27.340, 157.514** is the 20% darker color. If you saturate the color by 10%, you get **41, 36.044, 165.571**, and if you desaturate by 10%, it is **41, 33.707, 167.645**.

Distribution



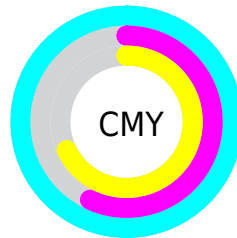
- Red (1%)
- Green (43%)
- Blue (32%)



- Red (1%)
- Yellow (25%)
- Blue (43%)



- Cyan (98%)
- Magenta (0%)
- Yellow (26%)
- Black (57%)





- Cyan (99%)
- Magenta (57%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 35.675, 165.881 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, 35.675, 165.881 by changing the saturation by 10% instead.


 41, 35.675,
165.881


 41, 35.675,
165.881


 100, 35.675,
165.881


 31, 35.675,
165.881

 61, 35.675,
165.881


 21, 35.675,
165.881

 71, 35.675,
165.881


 11, 35.675,
165.881


 81, 35.675,
165.881

 1, 35.675, 165.881

 91, 35.675,
165.881

 0, 35.675, 165.881

 41, 35.675,

 41, 35.675,

165.881

165.881

■ 41, 36.044,
165.571

■ 41, 33.707,
167.645

■ 41, 31.401,
169.334

■ 42, 28.607,
170.856

■ 42, 25.342,
172.230

■ 43, 21.647,
173.476

■ 43, 17.587,
174.615

■ 44, 13.230,
175.667

■ 45, 8.651, 176.651

Harmonies

Complementary

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



41, 35.675, 165.881



22, 46.658, 20.266

Rectangle

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



41, 35.675, 165.881



41, 35.675, 215.881



41, 35.675, 345.881



41, 35.675, 35.881

Sweetspot

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



41, 35.675, 165.880



56, 16.787, 175.501



41, 61.428, 132.867



28, 11.371, 175.168



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, 35.675, 165.880



53, 43.731, 164.984



34, 23.630, 236.475



23, 2.742, 177.519



44, 38.315, 165.370



87, 66.678, 164.098

Inverse Universe

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



22, 46.658, 20.266



29, 57.437, 22.656



24, 49.864, 43.448



22, 2.819, 358.966



24, 50.299, 21.581



52, 87.784, 25.092

Previews

White Background



This preview shows how the CIE LCh color 41, 35.675, 165.881 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 CIE LCh color 41, 35.675, 165.881 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, 35.675, 165.881

Background



This preview shows how black text looks on a background with the CIELCh color 41, 35.675, 165.881.



This preview shows how white text looks on a background with the CIELCh color 41, 35.675, 165.881.

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, 35.602, 165.825

Protanopia

41, 13.063, 94.140

Deuteranopia

41, 9.006, 52.489



Tritanopia
41, 21.648, 211.874

Trichromacy



Original Color
41, 35.602, 165.825

Protanomaly
40, 20.682, 152.167

Deuteranomaly
39, 14.816, 159.435

Tritanomaly
41, 25.457, 189.551

Monochromacy



Original Color
41, 35.602, 165.825

Achromatopsia
32, 0.005, 296.813

Achromatomaly
34, 17.221, 173.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 35.675, 165.881 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, 81)` looks like.

```
.text, #text, p{  
    color:rgb(2, 110, 81)  
}
```

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, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 110, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 35.675, 165.881 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, 81) }
```

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

```
.border{ border-color:rgb(2, 110, 81) }
```

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, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 110, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 110, 81);  
box-shadow:4px 4px 4px 4px rgb(2, 110, 81)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 35.675, 165.881 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, 81) }
```

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

```
.background{ background-color: rgb(2, 110,  
81) }
```

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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