

Converting Colors

CIELCh(41, 30.096, 159.571)

Have a look what the booklet for
CIELCh(41, 30.096, 159.571)
contains.

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Color

CIELCh(41, 29.815, 160.015)

Conversions

Conversions Part 1

Format	Color
Hex	2C6C4F
RGB	44, 108, 79
RGB Percent	17%, 42%, 31%
CMY	0.8268, 0.5758, 0.6896
CMYK	0.59, 0.00, 0.27, 0.58
HSL	153°, 42%, 30%
HSV	153°, 59%, 42%
XYZ	7.8420, 11.8645, 9.3023
YIQ	85.5580, -28.8350, -22.5870

Conversions

Conversions Part 2

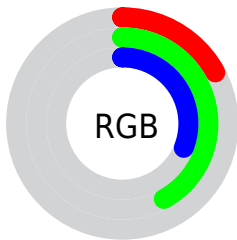
Format	Color
RYB	44, 85, 108
Decimal	2911311
CIELab	41.00, -28.02, 10.19
CIELCh	41, 29.815, 160.015
Yxy	11.8645, 0.2703, 0.4090
Android (android.graphics.Color)	4281101391 (0xFF2C6C4F)
YUV	85.5580, -3.2331, -36.4464
Hunter-Lab	34.4449, -19.6402, 8.0995

Details

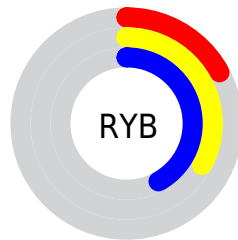
The CIELCh color **41, 29.815, 160.015** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **28, 32.144, 353.000**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 29.840, 159.795**, and **21, 27.684, 156.202** is the 20% darker color. If you saturate the color by 10%, you get **41, 33.944, 158.496**, and if you desaturate by 10%, it is **42, 25.299, 161.367**.

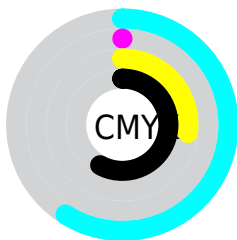
Distribution



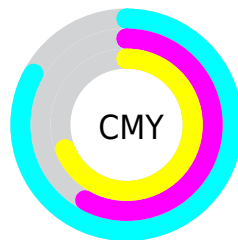
- Red (17%)
- Green (42%)
- Blue (31%)



- Red (17%)
- Yellow (33%)
- Blue (42%)



- Cyan (59%)
- Magenta (0%)
- Yellow (27%)
- Black (58%)





- Cyan (83%)
- Magenta (58%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 29.815, 160.015 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, 29.815, 160.015 by changing the saturation by 10% instead.


 41, 29.815,
160.015


 41, 29.815,
160.015


 100, 29.815,
160.015


 31, 29.815,
160.015

 61, 29.815,
160.015


 21, 29.815,
160.015

 71, 29.815,
160.015

 11, 29.815,
160.015


 81, 29.815,
160.015

 1, 29.815, 160.015

 91, 29.815,
160.015

 0, 29.815, 160.015

 41, 29.815,

 41, 29.815,

160.015

■ 41, 33.944,
158.496

■ 40, 37.629,
156.795

■ 40, 40.841,
154.903

■ 40, 43.755,
152.994

■ 40, 43.999,
152.846

160.015

■ 42, 25.299,
161.367

■ 42, 20.468,
162.574

■ 43, 15.404,
163.657

■ 44, 10.183,
164.640

■ 45, 4.879, 165.553

■ 46, 0.450, 345.706

■ 47, 5.752, 347.005

■ 48, 10.991,
347.720

■ 49, 16.138,

Harmonies

Complementary

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



41, 29.815, 160.015



28, 32.144, 353.000

Rectangle

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



41, 29.815, 160.015



41, 29.815, 210.015



41, 29.815, 340.015



41, 29.815, 30.015

Sweetspot

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



41, 29.815, 160.014



56, 11.841, 164.703



42, 39.732, 127.712



29, 8.284, 164.487



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, 29.815, 160.014



52, 42.637, 157.880



41, 20.319, 200.768



22, 2.968, 165.572



43, 46.817, 152.619



85, 82.875, 151.172

Inverse Universe

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



28, 32.144, 353.000



34, 45.879, 355.777



28, 31.116, 28.383



21, 3.010, 346.920



24, 47.608, 4.423



52, 81.861, 7.417

Previews

White Background



This preview shows how the CIELCh color 41, 29.815, 160.015 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, 29.815, 160.015 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, 29.815, 160.015

Background



This preview shows how black text looks on a background with the CIELCh color 41, 29.815, 160.015.



This preview shows how white text looks on a background with the CIELCh color 41, 29.815, 160.015.

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, 29.815, 160.015

Protanopia

41, 13.647, 94.619

Deuteranopia

41, 9.766, 58.149



Tritanopia
41, 17.140, 214.189

Trichromacy



Original Color
41, 29.815, 160.015

Protanomaly
40, 16.495, 136.224

Deuteranomaly
40, 11.742, 137.005

Tritanomaly
41, 19.916, 186.429

Monochromacy



Original Color
41, 29.815, 160.015

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 11.394, 165.229

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 29.815, 160.015 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(44, 108, 79)` looks like.

```
.text, #text, p{  
    color:rgb(44, 108, 79)  
}
```

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(44, 108, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 108, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 29.815, 160.015 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(44, 108, 79) }
```

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

```
.border{ border-color:rgb(44, 108, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 108, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 108, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 108, 79);  
box-shadow:4px 4px 4px 4px rgb(44, 108,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 29.815, 160.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 108, 79) }
```

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

```
.background{ background-color: rgb(44, 108,  
79) }
```

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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