

Converting Colors

CIELCh(41, 29.992, 100.072)

Have a look what the booklet for
CIELCh(41, 29.992, 100.072)
contains.

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Color

CIELCh(41, 30.026, 100.026)

Conversions

Conversions Part 1

Format	Color
Hex	68622F
RGB	104, 98, 47
RGB Percent	41%, 38%, 18%
CMY	0.5925, 0.6160, 0.8160
CMYK	0.00, 0.06, 0.55, 0.59
HSL	54°, 38%, 30%
HSV	54°, 55%, 41%
XYZ	10.5723, 11.8645, 4.4147
YIQ	93.9800, 19.9470, -14.5890

Conversions

Conversions Part 2

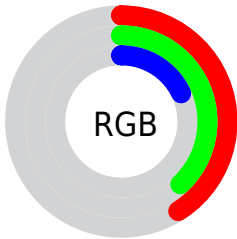
Format	Color
RYB	54, 104, 47
Decimal	6840879
CIELab	41.00, -5.23, 29.57
CIELCh	41, 30.026, 100.026
Yxy	11.8645, 0.3937, 0.4419
Android (android.graphics.Color)	4285030959 (0xFF68622F)
YUV	93.9800, -23.1611, 8.7875
Hunter-Lab	34.4449, -5.4910, 16.5125

Details

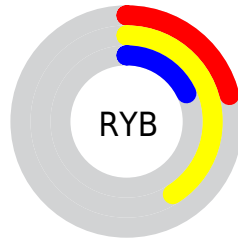
The CIELCh color **41, 30.026, 100.026** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **24, 33.669, 293.721**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **61, 30.042, 100.107**, and **21, 29.934, 100.340** is the 20% darker color. If you saturate the color by 10%, you get **41, 34.918, 99.052**, and if you desaturate by 10%, it is **41, 24.800, 101.034**.

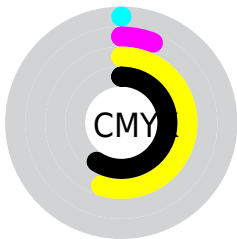
Distribution



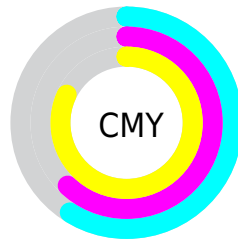
- Red (41%)
- Green (38%)
- Blue (18%)



- Red (21%)
- Yellow (41%)
- Blue (18%)



- Cyan (0%)
- Magenta (6%)
- Yellow (55%)
- Black (59%)





- Cyan (59%)
- Magenta (62%)
- Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 30.026, 100.026 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, 30.026, 100.026 by changing the saturation by 10% instead.


 41, 30.026,
100.026


 41, 30.026,
100.026


 100, 30.026,
100.026


 31, 30.026,
100.026

 61, 30.026,
100.026


 21, 30.026,
100.026

 71, 30.026,
100.026


 11, 30.026,
100.026


 81, 30.026,
100.026

 1, 30.026, 100.026

 91, 30.026,
100.026

 0, 30.026, 100.026

 41, 30.026,

 41, 30.026,

100.026

100.026

■ 41, 34.918, 99.052

■ 41, 24.800,
101.034

■ 40, 39.264, 98.120

■ 42, 19.378,
102.053

■ 40, 42.787, 97.244

■ 39, 45.354, 96.425

■ 43, 13.852,
103.073

■ 39, 46.708, 96.018

■ 43, 8.280, 104.081

■ 44, 2.695, 105.057

■ 44, 2.880, 286.072

■ 45, 8.432, 286.992

■ 46, 13.952,
287.889

■ 46, 19.435,
288.750

Harmonies

Complementary

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



41, 30.026, 100.026



24, 33.669, 293.721

Rectangle

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



41, 30.026, 100.026



41, 30.026, 150.026



41, 30.026, 280.026



41, 30.026, 330.026

Sweetspot

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



41, 30.027, 100.029



55, 11.077, 103.920



27, 27.430, 16.898



28, 7.537, 103.773



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



41, 30.027, 100.029



52, 43.805, 98.765



41, 34.510, 122.321



21, 3.082, 104.668



43, 50.072, 95.933



86, 86.495, 95.469

Inverse Universe

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



24, 33.669, 293.721



27, 51.453, 296.670



25, 38.130, 308.174



19, 3.131, 286.486



13, 68.610, 304.076



32, 123.458, 305.130

Previews

White Background



This preview shows how the CIELCh color 41, 30.026, 100.026 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, 30.026, 100.026 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, 30.026, 100.026

Background



This preview shows how black text looks on a background with the CIELCh color 41, 30.026, 100.026.



This preview shows how white text looks on a background with the CIELCh color 41, 30.026, 100.026.

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, 30.026, 100.026

Protanopia

41, 29.809, 96.242

Deuteranopia

41, 29.725, 79.453



Tritanopia
41, 8.332, 350.031

Trichromacy



Original Color
41, 30.026, 100.026

Protanomaly
41, 29.724, 97.169

Deuteranomaly
41, 29.164, 86.250

Tritanomaly
41, 10.331, 74.394

Monochromacy



Original Color
41, 30.026, 100.026

Achromatopsia
40, 0.006, 296.813

Achromatomaly
40, 10.968, 101.438

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 30.026, 100.026 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(104, 98, 47)` looks like.

```
.text, #text, p{  
    color:rgb(104, 98, 47)  
}
```

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(104, 98, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 98, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 30.026, 100.026 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(104, 98, 47) }
```

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

```
.border{ border-color:rgb(104, 98, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 98, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 98, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 98, 47);  
box-shadow:4px 4px 4px 4px rgb(104, 98,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 30.026, 100.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 98, 47) }
```

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

```
.background{ background-color: rgb(104, 98,  
47) }
```

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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