

Converting Colors

CIELCh(41, 60.288, 130.529)

Have a look what the booklet for
CIELCh(41, 60.288, 130.529)
contains.

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Color

CIELCh(41, 60.297, 130.476)

Conversions

Conversions Part 1

Format	Color
Hex	2C6F01
RGB	44, 111, 1
RGB Percent	17%, 44%, 0%
CMY	0.8282, 0.5654, 0.9969
CMYK	0.60, 0.00, 0.99, 0.57
HSL	97°, 99%, 22%
HSV	97°, 99%, 43%
XYZ	6.7004, 11.8645, 1.9593
YIQ	78.4270, -4.6220, -48.4140

Conversions

Conversions Part 2

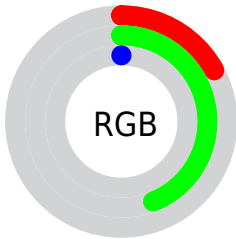
Format	Color
RYB	1, 111, 68
Decimal	2912001
CIELab	41.00, -39.14, 45.87
CIELCh	41, 60.297, 130.476
Yxy	11.8645, 0.3265, 0.5781
Android (android.graphics.Color)	4281102081 (0xFF2C6F01)
YUV	78.4270, -38.1715, -30.1925
Hunter-Lab	34.4449, -25.5561, 20.7390

Details

The CIELCh color $41, 60.297, 130.476$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $17, 65.435, 315.164$, and the grayscale version is $33, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 60.162, 130.360$, and $22, 42.903, 136.964$ is the 20% darker color. If you saturate the color by 10%, you get $41, 60.541, 130.490$, and if you desaturate by 10%, it is $41, 56.898, 130.093$.

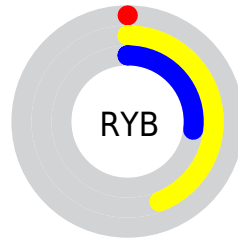
Distribution



Red (17%)

Green (44%)

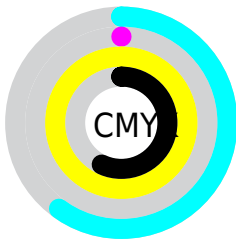
Blue (0%)



Red (0%)

Yellow (44%)

Blue (27%)

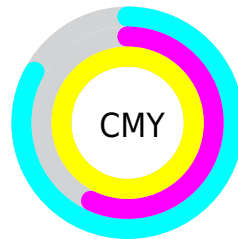


Cyan (60%)

Magenta (0%)

Yellow (99%)

Black (57%)



Cyan (83%)


Magenta (57%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 60.297, 130.476 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, 60.297, 130.476 by changing the saturation by 10% instead.


 41, 60.297,
130.476


 41, 60.297,
130.476


 100, 60.297,
130.476


 31, 60.297,
130.476

 61, 60.297,
130.476


 21, 60.297,
130.476

 71, 60.297,
130.476


 11, 60.297,
130.476


 81, 60.297,
130.476

 1, 60.297, 130.476

 91, 60.297,
130.476

 0, 60.297, 130.476

 41, 60.297,

 41, 60.297,

130.476

130.476

■ 41, 60.541,
130.490

■ 41, 56.898,
130.093

■ 42, 52.734,
129.832

■ 42, 47.511,
129.899

■ 43, 41.505,
130.184

■ 43, 34.967,
130.592

■ 44, 28.091,
131.055

■ 44, 21.018,
131.530

■ 45, 13.848,
131.992

Harmonies

Complementary

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



41, 60.297, 130.476



17, 65.435, 315.164

Rectangle

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



41, 60.297, 130.476



41, 60.297, 180.476



41, 60.297, 310.476



41, 60.297, 0.476

Sweetspot

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



41, 60.297, 130.477



57, 26.875, 131.458



33, 44.407, 71.161



29, 18.461, 131.302



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



41, 60.297, 130.477



53, 73.936, 130.908



40, 62.383, 137.510



23, 4.067, 132.444



44, 64.107, 130.622



87, 110.525, 131.466

Inverse Universe

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



17, 65.435, 315.164



24, 80.076, 314.865



25, 57.873, 332.409



22, 4.108, 313.126



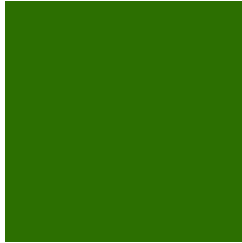
19, 69.550, 315.065



43, 119.310, 314.463

Previews

White Background



This preview shows how the CIELCh color 41, 60.297, 130.476 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, 60.297, 130.476 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, 60.297, 130.476

Background



This preview shows how black text looks on a background with the CIELCh color 41, 60.297, 130.476.



This preview shows how white text looks on a background with the CIELCh color 41, 60.297, 130.476.

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, 60.297, 130.476

Protanopia

41, 48.148, 95.622

Deuteranopia

41, 41.602, 82.564



Tritanopia
41, 15.037, 216.828

Trichromacy



Original Color
41, 60.297, 130.476

Protanomaly
40, 50.284, 112.331

Deuteranomaly
40, 44.144, 106.647

Tritanomaly
41, 29.562, 150.682

Monochromacy



Original Color
41, 60.297, 130.476

Achromatopsia
33, 0.005, 296.813

Achromatomaly
35, 26.623, 130.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 60.297, 130.476 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, 111, 1)` looks like.

```
.text, #text, p{  
    color:rgb(44, 111, 1)  
}
```

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, 111, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 111, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 60.297, 130.476 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, 111, 1) }
```

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

```
.border{ border-color:rgb(44, 111, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 111, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 111, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 111, 1);  
box-shadow:4px 4px 4px 4px rgb(44, 111, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 60.297, 130.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 111, 1) }
```

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

```
.background{ background-color: rgb(44, 111,  
1) }
```

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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