

Converting Colors

CIELCh(41, 58.825, 128.334)

Have a look what the booklet for
CIELCh(41, 58.825, 128.334)
contains.

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Color

CIELCh(41, 58.940, 128.430)

Conversions

Conversions Part 1

Format	Color
Hex	336E00
RGB	51, 110, 0
RGB Percent	20%, 43%, 0%
CMY	0.7999, 0.5685, 0.9998
CMYK	0.54, 0.00, 1.00, 0.57
HSL	92°, 100%, 22%
HSV	92°, 100%, 43%
XYZ	6.9472, 11.8645, 1.9252
YIQ	79.8190, 0.1460, -46.7180

Conversions

Conversions Part 2

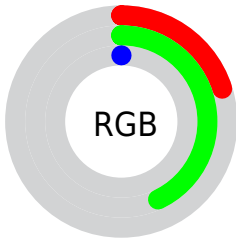
Format	Color
RYB	0, 110, 59
Decimal	3370496
CIELab	41.00, -36.63, 46.17
CIELCh	41, 58.940, 128.430
Yxy	11.8645, 0.3350, 0.5721
Android (android.graphics.Color)	4281560576 (0xFF336E00)
YUV	79.8190, -39.3508, -25.2743
Hunter-Lab	34.4449, -24.2769, 20.7975

Details

The CIELCh color **41, 58.940, 128.430** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **16, 66.330, 313.288**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 58.599, 128.395**, and **21, 42.369, 137.083** is the 20% darker color. If you saturate the color by 10%, you get **41, 58.956, 128.433**, and if you desaturate by 10%, it is **41, 55.605, 127.963**.

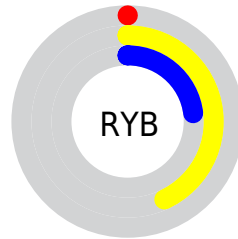
Distribution



Red (20%)

Green (43%)

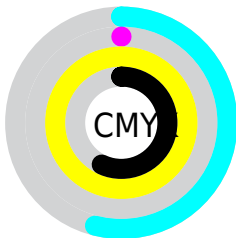
Blue (0%)



Red (0%)

Yellow (43%)

Blue (23%)

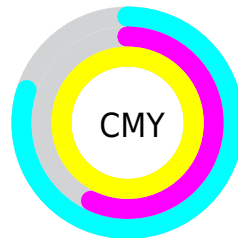


Cyan (54%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (80%)


Magenta (57%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 58.940, 128.430 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, 58.940, 128.430 by changing the saturation by 10% instead.


 41, 58.940,
128.430


 41, 58.940,
128.430


 100, 58.940,
128.430


 31, 58.940,
128.430

 61, 58.940,
128.430


 21, 58.940,
128.430

 71, 58.940,
128.430

 11, 58.940,
128.430


 81, 58.940,
128.430

 1, 58.940, 128.430

 91, 58.940,
128.430

 0, 58.940, 128.430

 41, 58.940,

 41, 58.940,

128.430

128.430

■ 41, 58.956,
128.433

■ 41, 55.605,
127.963

■ 42, 51.630,
127.594

■ 42, 46.608,
127.573

■ 42, 40.809,
127.790

■ 43, 34.481,
128.149

■ 44, 27.813,
128.581

■ 44, 20.942,
129.039

■ 45, 13.968,
129.496

Harmonies

Complementary

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



41, 58.940, 128.430



16, 66.330, 313.288

Rectangle

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



41, 58.940, 128.430



41, 58.940, 178.430



41, 58.940, 308.430



41, 58.940, 358.430

Sweetspot

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



41, 58.940, 128.431



57, 25.968, 129.000



30, 44.898, 65.222



28, 17.575, 128.856



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, 58.940, 128.431



53, 71.421, 128.864



40, 63.698, 136.515



23, 3.993, 129.979



45, 62.753, 128.585



87, 108.167, 129.489

Inverse Universe

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



16, 66.330, 313.288



22, 80.236, 312.991



25, 60.676, 329.536



22, 4.041, 310.686



18, 70.581, 313.183



41, 121.204, 312.554

Previews

White Background



This preview shows how the CIELCh color 41, 58.940, 128.430 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, 58.940, 128.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

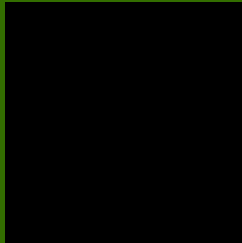
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 58.940, 128.430

Background



This preview shows how black text looks on a background with the CIELCh color 41, 58.940, 128.430.



This preview shows how white text looks on a background with the CIELCh color 41, 58.940, 128.430.

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, 58.940, 128.430

Protanopia

41, 48.148, 95.622

Deuteranopia

41, 41.602, 82.564



Tritanopia
41, 13.500, 222.123

Trichromacy



Original Color
41, 58.940, 128.430

Protanomaly
41, 50.029, 110.723

Deuteranomaly
40, 44.078, 104.723

Tritanomaly
40, 27.467, 148.213

Monochromacy



Original Color
41, 58.940, 128.430

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 26.207, 128.914

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 58.940, 128.430 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(51, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(51, 110, 0)  
}
```

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(51, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 110, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 58.940, 128.430 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(51, 110, 0) }
```

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

```
.border{ border-color:rgb(51, 110, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 110, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(51, 110, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 58.940, 128.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 110, 0) }
```

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

```
.background{ background-color: rgb(51, 110,  
0) }
```

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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