

Converting Colors

CIELCh(41, 62.769, 126.194)

Have a look what the booklet for
CIELCh(41, 62.769, 126.194)
contains.

CIELCh(41, 58.776, 128.148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(41, 58.776, 128.148)

Conversions

Conversions Part 1

Format	Color
Hex	346E00
RGB	52, 110, 0
RGB Percent	20%, 43%, 0%
CMY	0.7964, 0.5689, 1.0000
CMYK	0.53, 0.00, 1.00, 0.57
HSL	92°, 100%, 22%
HSV	92°, 100%, 43%
XYZ	6.9801, 11.8645, 1.9196
YIQ	80.1180, 0.7420, -46.5060

Conversions

Conversions Part 2

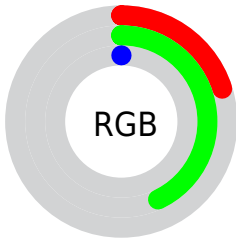
Format	Color
RYB	0, 110, 58
Decimal	3436032
CIELab	41.00, -36.31, 46.22
CIELCh	41, 58.776, 128.148
Yxy	11.8645, 0.3362, 0.5714
Android (android.graphics.Color)	4281626112 (0xFF346E00)
YUV	80.1180, -39.4982, -24.6595
Hunter-Lab	34.4449, -24.1067, 20.8072

Details

The CIELCh color **41, 58.776, 128.148** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **16, 66.425, 313.078**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 58.433, 128.072**, and **21, 42.369, 137.083** is the 20% darker color. If you saturate the color by 10%, you get **41, 58.757, 128.159**, and if you desaturate by 10%, it is **41, 55.432, 127.684**.

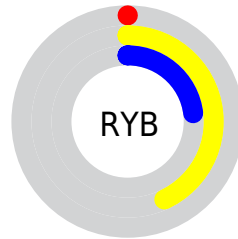
Distribution



Red (20%)

Green (43%)

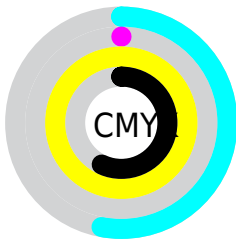
Blue (0%)



Red (0%)

Yellow (43%)

Blue (23%)

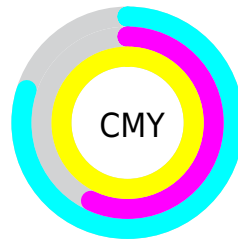


Cyan (53%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (80%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 58.776, 128.148 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, 58.776, 128.148 by changing the saturation by 10% instead.


 41, 58.776,
128.148


 41, 58.776,
128.148


 100, 58.776,
128.148


 31, 58.776,
128.148

 61, 58.776,
128.148


 21, 58.776,
128.148

 71, 58.776,
128.148

 11, 58.776,
128.148


 81, 58.776,
128.148

 1, 58.776, 128.148

 91, 58.776,
128.148

 0, 58.776, 128.148

 41, 58.776,

 41, 58.776,

128.148

128.148

■ 41, 58.757,
128.159

■ 41, 55.432,
127.684

■ 42, 51.479,
127.306

■ 42, 46.480,
127.278

■ 42, 40.705,
127.490

■ 43, 34.401,
127.845

■ 44, 27.757,
128.274

■ 44, 20.911,
128.732

■ 45, 13.959,
129.189

Harmonies

Complementary

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



41, 58.776, 128.148



16, 66.425, 313.078

Rectangle

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



41, 58.776, 128.148



41, 58.776, 178.148



41, 58.776, 308.148



41, 58.776, 358.148

Sweetspot

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



41, 58.757, 128.159



57, 25.908, 128.695



30, 45.051, 63.784



29, 17.534, 128.551



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, 58.757, 128.159



53, 71.227, 128.594



40, 64.050, 136.266



23, 3.985, 129.675



45, 62.584, 128.315



87, 107.869, 129.223

Inverse Universe

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



16, 66.425, 313.078



22, 80.384, 312.779



25, 61.407, 328.873



22, 4.033, 310.388



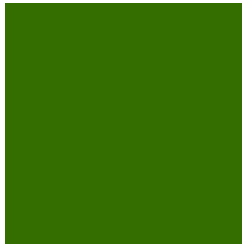
18, 70.708, 312.971



40, 121.437, 312.341

Previews

White Background



This preview shows how the CIELCh color 41, 58.776, 128.148 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, 58.776, 128.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

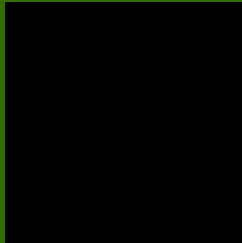
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 58.776, 128.148

Background



This preview shows how black text looks on a background with the CIELCh color 41, 58.776, 128.148.



This preview shows how white text looks on a background with the CIELCh color 41, 58.776, 128.148.

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, 58.776, 128.148

Protanopia

41, 48.148, 95.622

Deuteranopia

41, 41.602, 82.564



Tritanopia
41, 13.349, 219.538

Trichromacy



Original Color
41, 58.776, 128.148

Protanomaly
41, 50.029, 110.723

Deuteranomaly
40, 44.078, 104.723

Tritanomaly
41, 27.696, 146.928

Monochromacy



Original Color
41, 58.776, 128.148

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 26.028, 128.049

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 58.776, 128.148 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(52, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(52, 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(52, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 110, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 58.776, 128.148 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(52, 110, 0) }
```

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

```
.border{ border-color:rgb(52, 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(52, 110, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(52, 110, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 41, 58.776, 128.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 110, 0) }
```

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

```
.background{ background-color: rgb(52, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor