

Converting Colors

CIELCh(41, 30.375, 146.449)

Have a look what the booklet for
CIELCh(41, 30.375, 146.449)
contains.

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Color

CIELCh(41, 30.448, 146.105)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 3C6B44 |
| RGB | 60, 107, 68 |
| RGB Percent | 24%, 42%, 27% |
| CMY | 0.7651, 0.5808, 0.7337 |
| CMYK | 0.44, 0.00, 0.36, 0.58 |
| HSL | 130°, 28%, 33% |
| HSV | 130°, 44%, 42% |
| XYZ | 8.1425, 11.8645, 7.3127 |
| YIQ | 88.5010, -15.4930, -22.0930 |

Conversions

Conversions Part 2

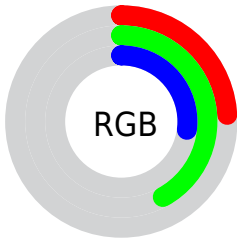
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 60, 100, 107 |
| Decimal | 3959620 |
| CIELab | 41.00, -25.27, 16.98 |
| CIElCh | 41, 30.448, 146.105 |
| Yxy | 11.8645, 0.2980, 0.4343 |
| Android (android.graphics.Color) | 4282149700 (0xFF3C6B44) |
| YUV | 88.5010, -10.1070, -24.9954 |
| Hunter-Lab | 34.4449, -18.0827, 11.5242 |

Details

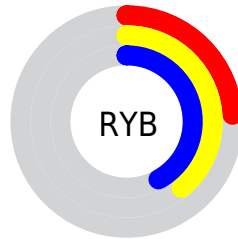
The CIELCh color $41, 30.448, 146.105$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $32, 30.468, 332.132$, and the grayscale version is $38, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 30.798, 145.756$, and $21, 30.507, 146.041$ is the 20% darker color. If you saturate the color by 10%, you get $40, 36.932, 144.995$, and if you desaturate by 10%, it is $42, 23.671, 147.079$.

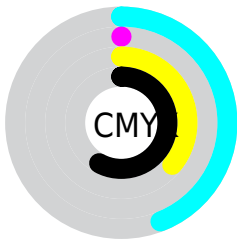
Distribution



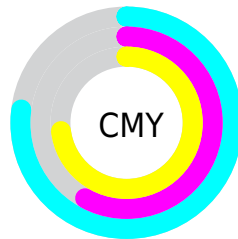
- Red (24%)
- Green (42%)
- Blue (27%)



- Red (24%)
- Yellow (39%)
- Blue (42%)



- Cyan (44%)
- Magenta (0%)
- Yellow (36%)
- Black (58%)





- Cyan (77%)
- Magenta (58%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 30.448, 146.105 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, 30.448, 146.105 by changing the saturation by 10% instead.


 41, 30.448,
146.105


 41, 30.448,
146.105


 100, 30.448,
146.105


 31, 30.448,
146.105

 61, 30.448,
146.105


 21, 30.448,
146.105

 71, 30.448,
146.105


 11, 30.448,
146.105


 81, 30.448,
146.105

 1, 30.448, 146.105

 91, 30.448,
146.105

 0, 30.448, 146.105

 41, 30.448,

 41, 30.448,

146.105

■ 40, 36.932,
144.995

■ 40, 42.981,
143.746

■ 39, 48.444,
142.374

■ 39, 53.175,
140.917

■ 39, 57.061,
139.473

■ 39, 59.081,
138.800

146.105

■ 42, 23.671,
147.079

■ 43, 16.727,
147.928

■ 44, 9.722, 148.669

■ 45, 2.743, 149.355

■ 46, 4.145, 329.791

■ 47, 10.895,
330.301

■ 49, 17.476,
330.729

■ 50, 23.867,
331.103

■ 51, 30.060,

Harmonies

Complementary

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



41, 30.448, 146.105



32, 30.468, 332.132

Rectangle

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



41, 30.448, 146.105



41, 30.448, 196.105



41, 30.448, 326.105



41, 30.448, 16.105

Sweetspot

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



41, 30.449, 146.105



56, 11.135, 148.713



43, 27.636, 113.725



28, 7.739, 148.595



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, 30.449, 146.105



52, 44.620, 144.942



42, 20.490, 169.362



22, 3.906, 149.010



43, 63.387, 138.621



85, 111.451, 137.717

Inverse Universe

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



32, 30.468, 332.132



39, 44.399, 332.792



31, 22.844, 358.682



21, 3.917, 329.994



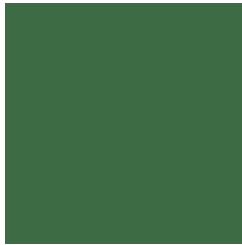
26, 57.305, 336.026



56, 97.888, 336.576

Previews

White Background



This preview shows how the CIELCh color 41, 30.448, 146.105 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, 30.448, 146.105 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, 30.448, 146.105

Background



This preview shows how black text looks on a background with the CIELCh color 41, 30.448, 146.105.



This preview shows how white text looks on a background with the CIELCh color 41, 30.448, 146.105.

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, 30.448, 146.105

Protanopia

41, 19.672, 94.804

Deuteranopia

41, 16.491, 69.757



Tritanopia
41, 12.768, 220.626

Trichromacy



Original Color
41, 30.448, 146.105

Protanomaly
41, 21.460, 120.479

Deuteranomaly
40, 16.284, 112.468

Tritanomaly
41, 15.759, 177.135

Monochromacy



Original Color
41, 30.448, 146.105

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 11.266, 148.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 30.448, 146.105 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(60, 107, 68)` looks like.

```
.text, #text, p{  
    color:rgb(60, 107, 68)  
}
```

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(60, 107, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 107, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 30.448, 146.105 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(60, 107, 68) }
```

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

```
.border{ border-color:rgb(60, 107, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 107, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 107, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 107, 68);  
box-shadow:4px 4px 4px 4px rgb(60, 107,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 30.448, 146.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 107, 68) }
```

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

```
.background{ background-color: rgb(60, 107,  
68) }
```

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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