

Converting Colors

CIELCh(41, 42.575, 134.234)

Have a look what the booklet for
CIELCh(41, 42.575, 134.234)
contains.

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Color

CIELCh(41, 42.349, 134.237)

Conversions

Conversions Part 1

Format	Color
Hex	3C6C2C
RGB	60, 108, 44
RGB Percent	24%, 42%, 17%
CMY	0.7648, 0.5765, 0.8275
CMYK	0.44, 0.00, 0.59, 0.58
HSL	105°, 42%, 30%
HSV	105°, 59%, 42%
XYZ	7.6784, 11.8645, 4.2672
YIQ	86.3520, -8.0640, -30.0800

Conversions

Conversions Part 2

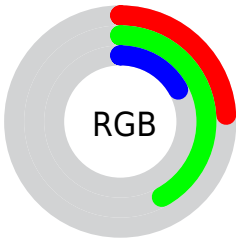
Format	Color
R_{YB}	44, 108, 92
Decimal	3959852
CIE _{Lab}	41.00, -29.54, 30.34
CIE _{LCh}	41, 42.349, 134.237
Y _{xy}	11.8645, 0.3225, 0.4983
Android (android.graphics.Color)	4282149932 (0xFF3C6C2C)
YUV	86.3520, -20.8795, -23.1107
Hunter-Lab	34.4449, -20.4879, 16.7664

Details

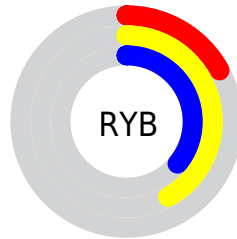
The CIELCh color $41, 42.349, 134.237$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $27, 43.598, 319.552$, and the grayscale version is $37, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 42.301, 134.254$, and $21, 40.875, 135.497$ is the 20% darker color. If you saturate the color by 10%, you get $41, 48.446, 133.755$, and if you desaturate by 10%, it is $42, 35.687, 134.799$.

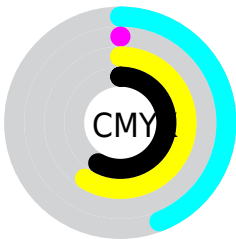
Distribution



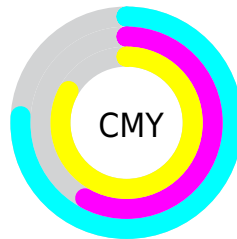
- Red (24%)
- Green (42%)
- Blue (17%)



- Red (17%)
- Yellow (42%)
- Blue (36%)



- Cyan (44%)
- Magenta (0%)
- Yellow (59%)
- Black (58%)





- Cyan (76%)
- Magenta (58%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 42.349, 134.237 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, 42.349, 134.237 by changing the saturation by 10% instead.


 41, 42.349,
134.237


 41, 42.349,
134.237


 100, 42.349,
134.237


 31, 42.349,
134.237

 61, 42.349,
134.237


 21, 42.349,
134.237

 71, 42.349,
134.237

 11, 42.349,
134.237

 81, 42.349,
134.237

 1, 42.349, 134.237

 91, 42.349,
134.237

 0, 42.349, 134.237

 41, 42.349,

 41, 42.349,

134.237

■ 41, 48.446,
133.755

■ 40, 53.719,
133.442

■ 40, 57.886,
133.409

■ 40, 61.241,
133.422

■ 40, 61.489,
133.404

134.237

■ 42, 35.687,
134.799

■ 42, 28.662,
135.378

■ 43, 21.427,
135.936

■ 44, 14.096,
136.454

■ 45, 6.754, 136.929

■ 46, 0.540, 317.095

■ 47, 7.740, 317.673

■ 48, 14.816,
317.998

■ 49, 21.747,

Harmonies

Complementary

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



41, 42.349, 134.237



27, 43.598, 319.552

Rectangle

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



41, 42.349, 134.237



41, 42.349, 184.237



41, 42.349, 314.237



41, 42.349, 4.237

Sweetspot

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



41, 42.350, 134.238



56, 16.319, 136.492



40, 29.640, 90.179



29, 11.434, 136.379



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, 42.350, 134.238



52, 60.912, 133.615



41, 38.217, 146.945



22, 4.068, 136.944



43, 65.306, 133.517



85, 113.316, 134.175

Inverse Universe

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



27, 43.598, 319.552



32, 62.762, 319.785



29, 38.090, 336.444



21, 4.094, 317.637



21, 66.770, 319.320



48, 115.166, 318.845

Previews

White Background



This preview shows how the CIELCh color 41, 42.349, 134.237 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, 42.349, 134.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

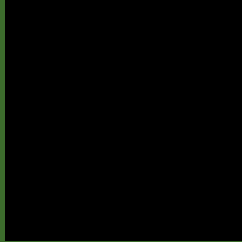
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 41, 42.349, 134.237

Background



This preview shows how black text looks on a background with the CIELCh color 41, 42.349, 134.237.



This preview shows how white text looks on a background with the CIELCh color 41, 42.349, 134.237.

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, 42.349, 134.237

Protanopia

41, 32.564, 95.617

Deuteranopia

41, 28.966, 79.936



Tritanopia
41, 11.591, 223.213

Trichromacy



Original Color
41, 42.349, 134.237

Protanomaly
40, 33.844, 113.193

Deuteranomaly
40, 29.864, 106.492

Tritanomaly
41, 18.688, 159.170

Monochromacy



Original Color
41, 42.349, 134.237

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 15.928, 135.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 42.349, 134.237 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, 108, 44)` looks like.

```
.text, #text, p{  
    color:rgb(60, 108, 44)  
}
```

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, 108, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 108, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 42.349, 134.237 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, 108, 44) }
```

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

```
.border{ border-color:rgb(60, 108, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 108, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 108, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 108, 44);  
box-shadow:4px 4px 4px 4px rgb(60, 108,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 42.349, 134.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 108, 44) }
```

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

```
.background{ background-color: rgb(60, 108,  
44) }
```

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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