

Converting Colors

CIELCh(41, 38.258, 138.519)

Have a look what the booklet for
CIELCh(41, 38.258, 138.519)
contains.

CIELCh(41, 38.414, 138.238)	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, 38.414, 138.238)

Conversions

Conversions Part 1

Format	Color
Hex	3B6C35
RGB	59, 108, 53
RGB Percent	23%, 42%, 21%
CMY	0.7694, 0.5772, 0.7928
CMYK	0.45, 0.00, 0.51, 0.58
HSL	113°, 34%, 31%
HSV	113°, 51%, 42%
XYZ	7.7736, 11.8645, 5.2276
YIQ	87.0790, -11.5490, -27.4930

Conversions

Conversions Part 2

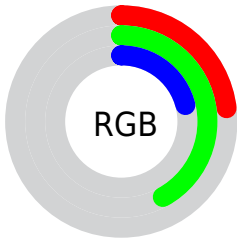
Format	Color
RYB	53, 108, 102
Decimal	3894325
CIELab	41.00, -28.65, 25.59
CIElCh	41, 38.414, 138.238
Yxy	11.8645, 0.3126, 0.4771
Android (android.graphics.Color)	4282084405 (0xFF3B6C35)
YUV	87.0790, -16.8009, -24.6253
Hunter-Lab	34.4449, -19.9943, 15.1131

Details

The CIELCh color $41, 38.414, 138.238$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $30, 38.674, 323.667$, and the grayscale version is $37, 0.005, 296.813$.

A 20% lighter version of the original color is $61, 38.308, 138.101$, and $21, 38.702, 138.201$ is the 20% darker color. If you saturate the color by 10%, you get $40, 45.164, 137.434$, and if you desaturate by 10%, it is $42, 31.194, 139.017$.

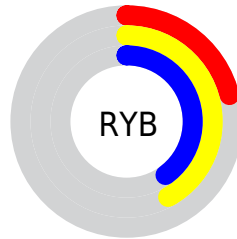
Distribution



Red (23%)

Green (42%)

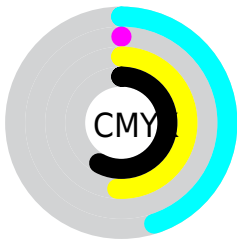
Blue (21%)



Red (21%)

Yellow (42%)

Blue (40%)

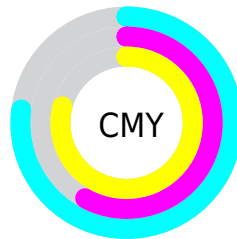


Cyan (45%)

Magenta (0%)

Yellow (51%)

Black (58%)



Cyan (77%)

Magenta (58%)

Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 41, 38.414, 138.238 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, 38.414, 138.238 by changing the saturation by 10% instead.


 41, 38.414,
138.238


 41, 38.414,
138.238


 100, 38.414,
138.238


 31, 38.414,
138.238

 61, 38.414,
138.238


 21, 38.414,
138.238

 71, 38.414,
138.238


 11, 38.414,
138.238


 81, 38.414,
138.238

 1, 38.414, 138.238

 91, 38.414,
138.238

 0, 38.414, 138.238

 41, 38.414,

 41, 38.414,

138.238

■ 40, 45.164,
137.434

■ 40, 51.208,
136.663

■ 40, 56.266,
136.022

■ 39, 60.054,
135.624

■ 39, 62.820,
135.158

138.238

■ 42, 31.194,
139.017

■ 42, 23.689,
139.734

■ 43, 16.045,
140.378

■ 44, 8.371, 140.949

■ 45, 0.751, 141.616

■ 47, 6.757, 321.819

■ 48, 14.113,
322.191

■ 49, 21.289,
322.504

■ 51, 28.271,

Harmonies

Complementary

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



41, 38.414, 138.238



30, 38.674, 323.667

Rectangle

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



41, 38.414, 138.238



41, 38.414, 188.238



41, 38.414, 318.238



41, 38.414, 8.238

Sweetspot

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



41, 38.415, 138.239



56, 14.196, 140.705



42, 28.616, 99.752



29, 9.767, 140.614



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, 38.415, 138.239



52, 55.838, 137.300



41, 29.933, 153.155



22, 4.248, 141.058



43, 66.767, 135.229



85, 115.463, 135.595

Inverse Universe

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



30, 38.674, 323.667



37, 56.049, 324.028



30, 30.616, 342.121



21, 4.262, 321.848



25, 65.582, 324.183



54, 112.922, 323.951

Previews

White Background



This preview shows how the CIELCh color 41, 38.414, 138.238 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, 38.414, 138.238 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, 38.414, 138.238

Background



This preview shows how black text looks on a background with the CIELCh color 41, 38.414, 138.238.



This preview shows how white text looks on a background with the CIELCh color 41, 38.414, 138.238.

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, 38.414, 138.238

Protanopia

41, 28.222, 95.953

Deuteranopia

41, 24.536, 77.339



Tritanopia
41, 12.474, 221.215

Trichromacy



Original Color
41, 38.414, 138.238

Protanomaly
40, 29.746, 115.732

Deuteranomaly
40, 25.468, 108.377

Tritanomaly
41, 17.710, 166.308

Monochromacy



Original Color
41, 38.414, 138.238

Achromatopsia
37, 0.005, 296.813

Achromatomaly
38, 14.532, 140.631

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 41, 38.414, 138.238 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(59, 108, 53)` looks like.

```
.text, #text, p{  
    color:rgb(59, 108, 53)  
}
```

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(59, 108, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 108, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 41, 38.414, 138.238 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(59, 108, 53) }
```

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

```
.border{ border-color:rgb(59, 108, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 108, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 108, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 108, 53);  
box-shadow:4px 4px 4px 4px rgb(59, 108,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 41, 38.414, 138.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 108, 53) }
```

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

```
.background{ background-color: rgb(59, 108,  
53) }
```

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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