

Converting Colors

CIELCh(38, 33.155, 119.209)

Have a look what the booklet for
CIELCh(38, 33.155, 119.209)
contains.

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Color

CIELCh(38, 33.124, 119.229)

Conversions

Conversions Part 1

Format	Color
Hex	4F6029
RGB	79, 96, 41
RGB Percent	31%, 38%, 16%
CMY	0.6919, 0.6252, 0.8408
CMYK	0.18, 0.00, 0.58, 0.63
HSL	79°, 40%, 27%
HSV	79°, 58%, 37%
XYZ	7.7252, 10.0881, 3.6009
YIQ	84.6470, 7.5230, -20.7090

Conversions

Conversions Part 2

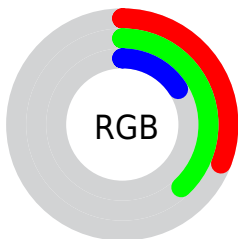
Format	Color
R_{YB}	41, 96, 58
Decimal	5201961
CIE _{Lab}	38.00, -16.17, 28.91
CIE _{LCh}	38, 33.124, 119.229
Yxy	10.0881, 0.3608, 0.4711
Android (android.graphics.Color)	4283392041 (0xFF4F6029)
YUV	84.6470, -21.5180, -4.9524
Hunter-Lab	31.7617, -12.1677, 15.5113

Details

The CIELCh color **38, 33.124, 119.229** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **21, 37.297, 306.188**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **58, 33.430, 119.058**, and **18, 30.254, 121.340** is the 20% darker color. If you saturate the color by 10%, you get **38, 38.092, 118.927**, and if you desaturate by 10%, it is **38, 27.748, 119.659**.

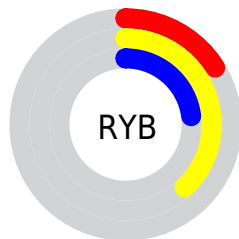
Distribution



Red (31%)

Green (38%)

Blue (16%)



Red (16%)

Yellow (38%)

Blue (23%)

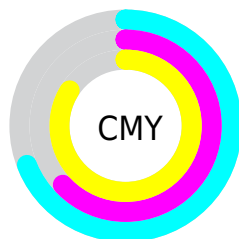


Cyan (18%)

Magenta (0%)

Yellow (58%)

Black (63%)



Cyan (69%)


Magenta (63%)


Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 38, 33.124, 119.229 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 38, 33.124, 119.229 by changing the saturation by 10% instead.


 38, 33.124,
119.229


 38, 33.124,
119.229

 100, 33.124,
119.229


 28, 33.124,
119.229

 58, 33.124,
119.229


 18, 33.124,
119.229


 68, 33.124,
119.229

 8, 33.124, 119.229

 78, 33.124,
119.229

 0, 33.124, 119.229

 88, 33.124,
119.229

 98, 33.124,
119.229

■ 38, 33.124,
119.229

■ 38, 33.124,
119.229

■ 38, 38.092,
118.927

■ 38, 27.748,
119.659

■ 37, 42.456,
118.821

■ 39, 22.108,
120.157

■ 37, 45.984,
119.002

■ 39, 16.305,
120.690

■ 37, 48.918,
119.350

■ 40, 10.410,
121.232

■ 37, 49.685,
119.401

■ 40, 4.470, 121.768

■ 41, 1.479, 302.256

■ 41, 7.414, 302.762

■ 42, 13.315,
303.226

■ 42, 19.171,
303.659

Harmonies

Complementary

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



38, 33.124, 119.229



21, 37.297, 306.188

Rectangle

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



38, 33.124, 119.229



38, 33.124, 169.229



38, 33.124, 299.229



38, 33.124, 349.229

Sweetspot

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



38, 33.125, 119.231



51, 12.591, 121.231



28, 23.059, 48.984



26, 8.486, 121.163



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38, 33.125, 119.231



49, 48.071, 118.862



36, 37.878, 135.660



20, 3.371, 121.695



43, 55.723, 119.675



87, 97.968, 120.567

Inverse Universe

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



21, 37.297, 306.188



24, 56.142, 307.304



25, 38.630, 321.034



18, 3.428, 302.625



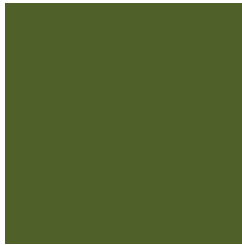
13, 70.387, 308.876



33, 123.958, 308.300

Previews

White Background



This preview shows how the CIELCh color 38, 33.124, 119.229 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 38, 33.124, 119.229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

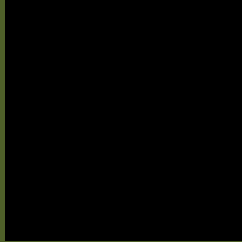
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 33.124, 119.229

Background



This preview shows how black text looks on a background with the CIELCh color 38, 33.124, 119.229.



This preview shows how white text looks on a background with the CIELCh color 38, 33.124, 119.229.

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

38, 33.124, 119.229

Protanopia

38, 30.080, 95.800

Deuteranopia

38, 28.041, 79.611



Tritanopia
38, 4.717, 265.476

Trichromacy



Original Color
38, 33.124, 119.229

Protanomaly
38, 30.082, 104.359

Deuteranomaly
38, 27.930, 95.490

Tritanomaly
38, 10.572, 130.526

Monochromacy



Original Color
38, 33.124, 119.229

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 12.578, 120.596

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 33.124, 119.229 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(79, 96, 41)` looks like.

```
.text, #text, p{  
    color:rgb(79, 96, 41)  
}
```

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(79, 96, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 96, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 33.124, 119.229 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(79, 96, 41) }
```

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

```
.border{ border-color:rgb(79, 96, 41) }
```

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

Here you see how a box with a 4 pixel rgb(79, 96, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 96, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 96, 41);  
box-shadow:4px 4px 4px 4px rgb(79, 96, 41)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 33.124, 119.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 96, 41) }
```

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

```
.background{ background-color: rgb(79, 96,  
41) }
```

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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