

Converting Colors

CIELCh(38, 29.494, 141.663)

Have a look what the booklet for
CIELCh(38, 29.494, 141.663)
contains.

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Color

CIELCh(38, 29.658, 141.629)

Conversions

Conversions Part 1

Format	Color
Hex	3B633B
RGB	59, 99, 59
RGB Percent	23%, 39%, 23%
CMY	0.7700, 0.6132, 0.7699
CMYK	0.41, 0.00, 0.41, 0.61
HSL	120°, 25%, 31%
HSV	120°, 41%, 39%
XYZ	6.9923, 10.0881, 5.6717
YIQ	82.4800, -11.0000, -20.9200

Conversions

Conversions Part 2

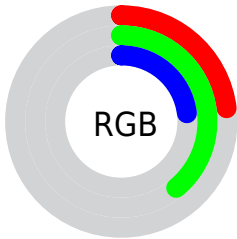
Format	Color
RYB	59, 99, 99
Decimal	3892027
CIELab	38.00, -23.25, 18.41
CIELCh	38, 29.658, 141.629
Yxy	10.0881, 0.3073, 0.4434
Android (android.graphics.Color)	4282082107 (0xFF3B633B)
YUV	82.4800, -11.5756, -20.5920
Hunter-Lab	31.7617, -16.2863, 11.6457




Details

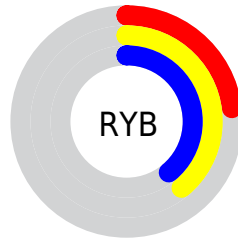
The CIELCh color **38, 29.658, 141.629** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **31, 29.614, 326.479**, and the grayscale version is **35, 0.005, 296.813**.




A 20% lighter version of the original color is **58, 29.526, 141.969**, and **18, 29.588, 141.544** is the 20% darker color. If you saturate the color by 10%, you get **37, 36.553, 140.670**, and if you desaturate by 10%, it is **39, 22.458, 142.486**.

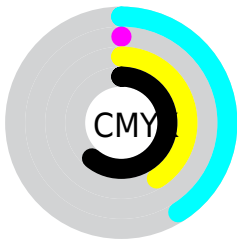
Distribution







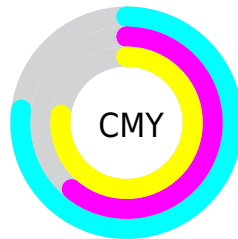
-  Red (23%)
-  Green (39%)
-  Blue (23%)






-  Red (23%)
-  Yellow (39%)
-  Blue (39%)



-  Cyan (41%)
-  Magenta (0%)
-  Yellow (41%)
-  Black (61%)



-  Cyan (77%)
-  Magenta (61%)
-  Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 38, 29.658, 141.629 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, 29.658, 141.629 by changing the saturation by 10% instead.

 38, 29.658,
141.629

 38, 29.658,
141.629

 100, 29.658,
141.629


 28, 29.658,
141.629

 58, 29.658,
141.629


 18, 29.658,
141.629


 68, 29.658,
141.629

 8, 29.658, 141.629

 78, 29.658,
141.629

 0, 29.658, 141.629

 88, 29.658,
141.629

 98, 29.658,
141.629

■ 38, 29.658,
141.629

■ 38, 29.658,
141.629

■ 37, 36.553,
140.670

■ 39, 22.458,
142.486

■ 37, 42.953,
139.632

■ 40, 15.105,
143.237

■ 36, 48.633,
138.569

■ 41, 7.718, 143.892

■ 36, 53.338,
137.569

■ 42, 0.388, 144.823

■ 43, 6.821, 324.875

■ 36, 56.817,
136.751

■ 44, 13.864,
325.290

■ 36, 59.692,
136.023

■ 46, 20.713,
325.639

■ 47, 27.355,
325.936

■ 49, 33.783,
326.191

Harmonies

Complementary

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



38, 29.658, 141.629



31, 29.614, 326.479

Rectangle

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



38, 29.658, 141.629



38, 29.658, 191.629



38, 29.658, 321.629



38, 29.658, 11.629

Sweetspot

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



38, 29.659, 141.629



52, 10.862, 143.780



41, 23.723, 106.539



26, 7.145, 143.732



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, 29.659, 141.629



48, 43.771, 140.682



38, 20.376, 159.961



19, 4.042, 143.995



41, 65.372, 136.022



83, 114.290, 136.018

Inverse Universe

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



31, 29.614, 326.479



38, 43.586, 326.920



30, 21.320, 347.362



18, 4.049, 324.882



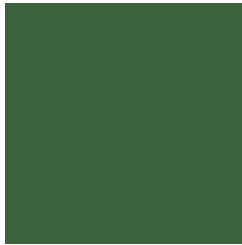
26, 63.063, 328.249



57, 110.241, 328.250

Previews

White Background



This preview shows how the CIELCh color 38, 29.658, 141.629 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 38, 29.658, 141.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

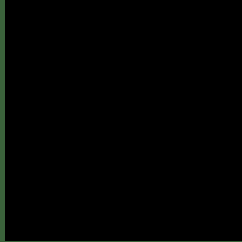
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 38, 29.658, 141.629

Background



This preview shows how black text looks on a background with the CIELCh color 38, 29.658, 141.629.



This preview shows how white text looks on a background with the CIELCh color 38, 29.658, 141.629.

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, 29.658, 141.629

Protanopia

38, 20.967, 96.246

Deuteranopia

38, 17.475, 72.842



Tritanopia
38, 10.859, 221.771

Trichromacy



Original Color
38, 29.658, 141.629

Protanomaly
38, 22.726, 118.444

Deuteranomaly
37, 17.611, 108.824

Tritanomaly
38, 14.289, 172.024

Monochromacy



Original Color
38, 29.658, 141.629

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 10.632, 143.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 38, 29.658, 141.629 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, 99, 59)` looks like.

```
.text, #text, p{  
    color:rgb(59, 99, 59)  
}
```

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, 99, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 99, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 38, 29.658, 141.629 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, 99, 59) }
```

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

```
.border{ border-color:rgb(59, 99, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 99, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 99, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 99, 59);  
box-shadow:4px 4px 4px 4px rgb(59, 99, 59)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 38, 29.658, 141.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 99, 59) }
```

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

```
.background{ background-color: rgb(59, 99,  
59) }
```

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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