

Converting Colors

CIELCh(37, 28.573, 142.186)

Have a look what the booklet for
CIELCh(37, 28.573, 142.186)
contains.

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Color

CIELCh(37, 28.579, 142.291)

Conversions

Conversions Part 1

Format	Color
Hex	39603A
RGB	57, 96, 58
RGB Percent	22%, 38%, 23%
CMY	0.7765, 0.6236, 0.7726
CMYK	0.41, 0.00, 0.40, 0.62
HSL	122°, 25%, 30%
HSV	122°, 41%, 38%
XYZ	6.6315, 9.5379, 5.4927
YIQ	80.0070, -11.0460, -20.0860

Conversions

Conversions Part 2

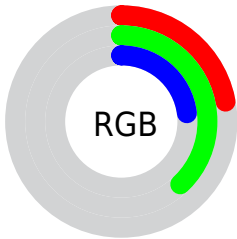
Format	Color
RYB	57, 95, 96
Decimal	3760186
CIELab	37.00, -22.61, 17.48
CIELCh	37, 28.579, 142.291
Yxy	9.5379, 0.3061, 0.4403
Android (android.graphics.Color)	4281950266 (0xFF39603A)
YUV	80.0070, -10.8495, -20.1771
Hunter-Lab	30.8835, -15.7178, 11.0736

Details

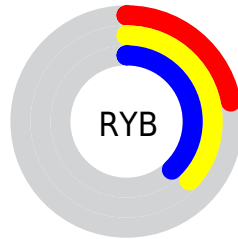
The CIELCh color **37, 28.579, 142.291** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **30, 28.537, 327.193**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 28.474, 142.591**, and **17, 28.426, 142.269** is the 20% darker color. If you saturate the color by 10%, you get **36, 35.227, 141.322**, and if you desaturate by 10%, it is **38, 21.651, 143.153**.

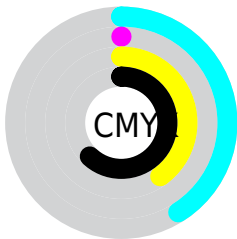
Distribution



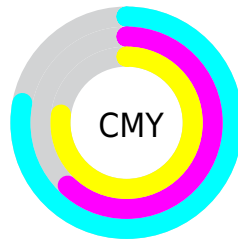
- Red (22%)
- Green (38%)
- Blue (23%)



- Red (22%)
- Yellow (37%)
- Blue (38%)



- Cyan (41%)
- Magenta (0%)
- Yellow (40%)
- Black (62%)





- Cyan (78%)
- Magenta (62%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 28.579, 142.291 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 37, 28.579, 142.291 by changing the saturation by 10% instead.


 37, 28.579,
142.291


 37, 28.579,
142.291

 100, 28.579,
142.291


 27, 28.579,
142.291

 57, 28.579,
142.291


 17, 28.579,
142.291


 67, 28.579,
142.291

 7, 28.579, 142.291

 77, 28.579,
142.291

 0, 28.579, 142.291

 87, 28.579,
142.291

 97, 28.579,
142.291

■ 37, 28.579,
142.291

■ 37, 28.579,
142.291

■ 36, 35.227,
141.322

■ 38, 21.651,
143.153

■ 36, 41.421,
140.263

■ 39, 14.582,
143.906

■ 35, 46.961,
139.156

■ 40, 7.482, 144.564

■ 35, 51.621,
138.079

■ 41, 0.437, 145.454

■ 42, 6.493, 325.552

■ 35, 55.173,
137.143

■ 43, 13.265,
325.973

■ 35, 57.942,
136.461

■ 44, 19.854,
326.327

■ 46, 26.243,
326.631

■ 47, 32.429,
326.893

Harmonies

Complementary

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



37, 28.579, 142.291



30, 28.537, 327.193

Rectangle

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



37, 28.579, 142.291



37, 28.579, 192.291



37, 28.579, 322.291



37, 28.579, 12.291

Sweetspot

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



37, 28.580, 142.291



51, 10.502, 144.456



40, 23.250, 107.297



26, 7.023, 144.406



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



37, 28.580, 142.291



47, 42.360, 141.337



37, 19.698, 160.841



19, 3.973, 144.671



41, 64.788, 136.391



83, 113.878, 136.167

Inverse Universe

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



30, 28.537, 327.193



37, 42.166, 327.653



29, 20.697, 348.343



18, 3.980, 325.564



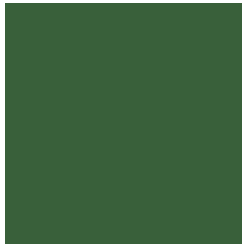
25, 61.882, 329.232



56, 108.047, 329.297

Previews

White Background



This preview shows how the CIELCh color 37, 28.579, 142.291 looks on a white background.

Color Contrast Check

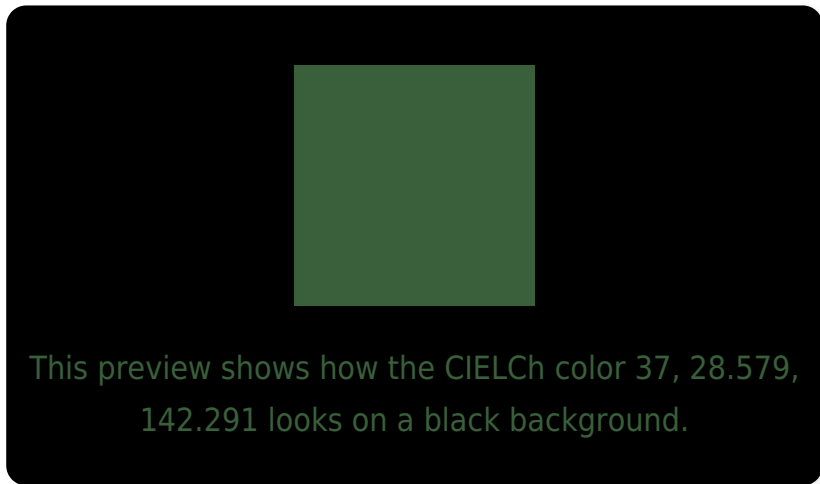
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

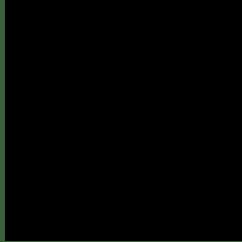
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 28.579, 142.291

Background



This preview shows how black text looks on a background with the CIELCh color 37, 28.579, 142.291.



This preview shows how white text looks on a background with the CIELCh color 37, 28.579, 142.291.

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

37, 28.579, 142.291

Protanopia

37, 20.458, 95.979

Deuteranopia

37, 16.745, 73.058



Tritanopia
37, 10.575, 222.601

Trichromacy



Original Color
37, 28.579, 142.291

Protanomaly
37, 21.592, 117.957

Deuteranomaly
37, 17.098, 110.481

Tritanomaly
37, 14.024, 171.350

Monochromacy



Original Color
37, 28.579, 142.291

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 10.676, 143.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 28.579, 142.291 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(57, 96, 58)` looks like.

```
.text, #text, p{  
    color:rgb(57, 96, 58)  
}
```

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(57, 96, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 96, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 28.579, 142.291 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(57, 96, 58) }
```

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

```
.border{ border-color:rgb(57, 96, 58) }
```

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

Here you see how a box with a 4 pixel rgb(57, 96, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 96, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 96, 58);  
box-shadow:4px 4px 4px 4px rgb(57, 96, 58)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 37, 28.579, 142.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 96, 58) }
```

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

```
.background{ background-color: rgb(57, 96,  
58) }
```

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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