

Converting Colors

CIELCh(37, 29.618, 141.170)

Have a look what the booklet for
CIELCh(37, 29.618, 141.170)
contains.

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Color

CIELCh(37, 29.563, 140.977)

Conversions

Conversions Part 1

Format	Color
Hex	396038
RGB	57, 96, 56
RGB Percent	22%, 38%, 22%
CMY	0.7762, 0.6232, 0.7801
CMYK	0.41, 0.00, 0.42, 0.62
HSL	118°, 26%, 30%
HSV	118°, 42%, 38%
XYZ	6.5970, 9.5379, 5.2438
YIQ	79.7790, -10.4040, -20.7080

Conversions

Conversions Part 2

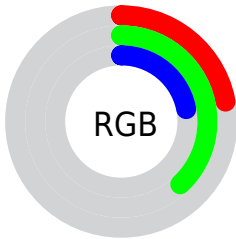
Format	Color
RYB	56, 96, 95
Decimal	3760184
CIELab	37.00, -22.97, 18.61
CIELCh	37, 29.563, 140.977
Yxy	9.5379, 0.3086, 0.4461
Android (android.graphics.Color)	4281950264 (0xFF396038)
YUV	79.7790, -11.7230, -19.9772
Hunter-Lab	30.8835, -15.9172, 11.5514

Details

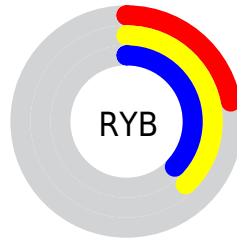
The CIELCh color **37, 29.563, 140.977** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **30, 29.567, 325.779**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 29.882, 140.775**, and **17, 29.272, 141.122** is the 20% darker color. If you saturate the color by 10%, you get **36, 36.245, 140.062**, and if you desaturate by 10%, it is **38, 22.584, 141.803**.

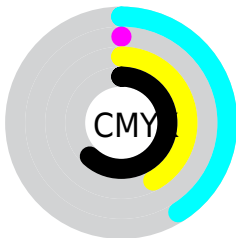
Distribution



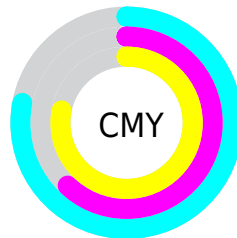
- Red (22%)
- Green (38%)
- Blue (22%)



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



- Cyan (41%)
- Magenta (0%)
- Yellow (42%)
- Black (62%)




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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 29.563, 140.977 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, 29.563, 140.977 by changing the saturation by 10% instead.


 37, 29.563,
140.977


 37, 29.563,
140.977

 100, 29.563,
140.977


 27, 29.563,
140.977

 57, 29.563,
140.977

 17, 29.563,
140.977

 67, 29.563,
140.977

 7, 29.563, 140.977

 77, 29.563,
140.977

 0, 29.563, 140.977

 87, 29.563,
140.977

 97, 29.563,
140.977

■ 37, 29.563,
140.977

■ 37, 29.563,
140.977

■ 36, 36.245,
140.062

■ 38, 22.584,
141.803

■ 36, 42.445,
139.083

■ 39, 15.451,
142.532

■ 35, 47.944,
138.097

■ 40, 8.279, 143.169

■ 35, 52.493,
137.197

■ 41, 1.154, 143.822

■ 42, 5.862, 324.132

■ 35, 55.871,
136.477

■ 43, 12.725,
324.542

■ 35, 58.432,
135.793

■ 44, 19.408,
324.886

■ 46, 25.896,
325.179

■ 47, 32.182,
325.430

Harmonies

Complementary

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



37, 29.563, 140.977



30, 29.567, 325.779

Rectangle

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



37, 29.563, 140.977



37, 29.563, 190.977



37, 29.563, 320.977



37, 29.563, 10.977

Sweetspot

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



37, 29.564, 140.977



51, 10.599, 143.126



39, 23.110, 104.967



26, 7.089, 143.078



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, 29.564, 140.977



47, 43.571, 140.073



37, 21.019, 158.171



19, 4.010, 143.332



41, 65.214, 135.829



83, 114.179, 135.941

Inverse Universe

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



30, 29.567, 325.779



36, 43.471, 326.197



29, 21.837, 345.556



18, 4.018, 324.189



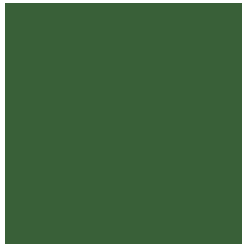
25, 63.151, 327.288



56, 110.406, 327.229

Previews

White Background



This preview shows how the CIELCh color 37, 29.563, 140.977 looks on a white background.

Color Contrast Check

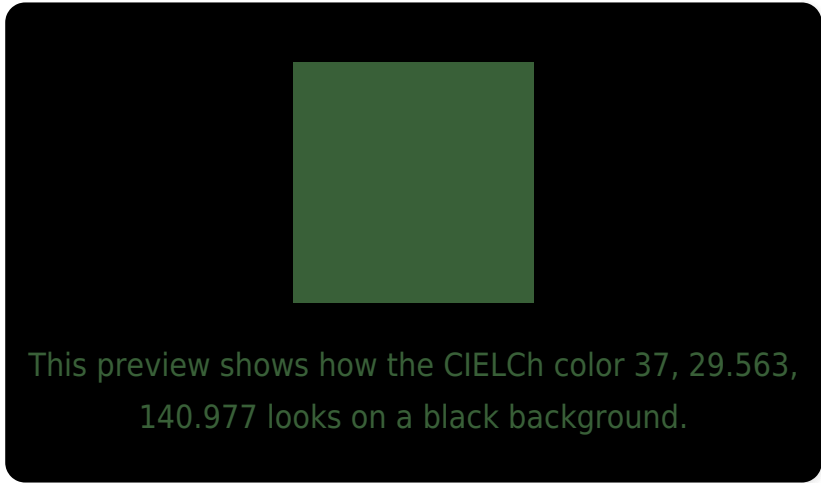
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.563, 140.977

Background



This preview shows how black text looks on a background with the CIELCh color 37, 29.563, 140.977.



This preview shows how white text looks on a background with the CIELCh color 37, 29.563, 140.977.

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, 29.563, 140.977

Protanopia
37, 21.618, 96.318

Deuteranopia
37, 18.080, 73.688



Tritanopia
37, 10.575, 222.601

Trichromacy



Original Color
37, 29.563, 140.977

Protanomaly
37, 22.735, 117.250

Deuteranomaly
37, 18.267, 108.626

Tritanomaly
37, 14.024, 171.350

Monochromacy



Original Color
37, 29.563, 140.977

Achromatopsia
34, 0.005, 296.813

Achromatomaly
35, 11.196, 141.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 29.563, 140.977 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, 56)` looks like.

```
.text, #text, p{  
    color:rgb(57, 96, 56)  
}
```

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, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 96, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 29.563, 140.977 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, 56) }
```

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

```
.border{ border-color:rgb(57, 96, 56) }
```

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, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 96, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 96, 56);  
box-shadow:4px 4px 4px 4px rgb(57, 96, 56)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 37, 29.563, 140.977 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, 56) }
```

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

```
.background{ background-color: rgb(57, 96,  
56) }
```

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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