

Converting Colors

CIELCh(37, 13.311, 184.115)

Have a look what the booklet for
CIELCh(37, 13.311, 184.115)
contains.

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Color

CIELCh(37, 13.299, 184.148)

Conversions

Conversions Part 1

Format	Color
Hex	3C5D58
RGB	60, 93, 88
RGB Percent	24%, 36%, 35%
CMY	0.7640, 0.6345, 0.6541
CMYK	0.35, 0.00, 0.05, 0.63
HSL	171°, 22%, 30%
HSV	171°, 35%, 37%
XYZ	7.5763, 9.5379, 10.7166
YIQ	82.5630, -18.0630, -8.5510

Conversions

Conversions Part 2

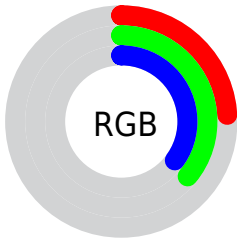
Format	Color
R_{YB}	60, 78, 93
Decimal	3956056
CIE Lab	37.00, -13.26, -0.96
CIE LCh	37, 13.299, 184.148
Yxy	9.5379, 0.2722, 0.3427
Android (android.graphics.Color)	4282146136 (0xFF3C5D58)
YUV	82.5630, 2.6804, -19.7878
Hunter-Lab	30.8835, -10.2566, 1.0448

Details

The CIELCh color **37, 13.299, 184.148** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29, 15.593, 10.689**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 13.000, 185.424**, and **17, 13.214, 184.462** is the 20% darker color. If you saturate the color by 10%, you get **36, 16.539, 183.246**, and if you desaturate by 10%, it is **38, 9.785, 185.007**.

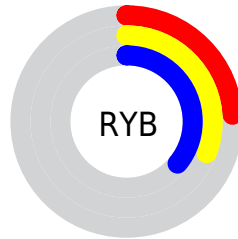
Distribution



Red (24%)

Green (36%)

Blue (35%)



Red (24%)

Yellow (31%)

Blue (36%)

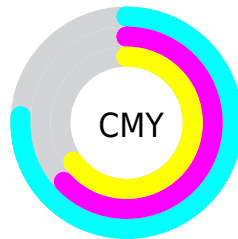


Cyan (35%)

Magenta (0%)

Yellow (5%)

Black (63%)



Cyan (76%)


Magenta (63%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 13.299, 184.148 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, 13.299, 184.148 by changing the saturation by 10% instead.


 37, 13.299,
184.148


 37, 13.299,
184.148

 100, 13.299,
184.148


 27, 13.299,
184.148

 57, 13.299,
184.148


 17, 13.299,
184.148


 67, 13.299,
184.148

 7, 13.299, 184.148

 77, 13.299,
184.148

 0, 13.299, 184.148

 87, 13.299,
184.148

 97, 13.299,
184.148

■ 37, 13.299,
184.148

■ 37, 13.299,
184.148

■ 36, 16.539,
183.246

■ 38, 9.785, 185.007

■ 38, 6.052, 185.845

■ 36, 19.446,
182.296

■ 39, 2.157, 186.728

■ 36, 21.971,
181.280

■ 40, 1.850, 7.196

■ 35, 24.079,
180.183

■ 41, 5.927, 8.058

■ 42, 10.037, 8.811

■ 35, 25.752,
178.985

■ 43, 14.153, 9.534

■ 35, 27.085,
177.720

■ 44, 18.250, 10.237

■ 45, 22.314, 10.921

■ 35, 27.695,
177.173

Harmonies

Complementary

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



37, 13.299, 184.148



29, 15.593, 10.689

Rectangle

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



37, 13.299, 184.148



37, 13.299, 234.148



37, 13.299, 4.148



37, 13.299, 54.148

Sweetspot

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



37, 13.299, 184.145



50, 5.440, 186.188



37, 23.542, 137.959



25, 3.617, 186.119



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



37, 13.299, 184.145



48, 19.274, 183.435



34, 10.587, 239.581



18, 2.194, 186.408



41, 31.152, 176.844



84, 55.544, 175.770

Inverse Universe

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



29, 15.593, 10.689



36, 23.514, 11.912



32, 12.748, 53.274



17, 2.277, 7.655



21, 50.152, 30.024



50, 91.640, 33.691

Previews

White Background



This preview shows how the CIELCh color 37, 13.299, 184.148 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



This preview shows how the CIELCh color 37, 13.299, 184.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

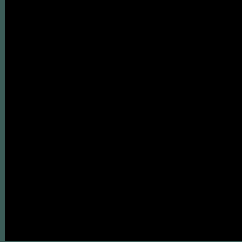
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 13.299, 184.148

Background



This preview shows how black text looks on a background with the CIELCh color 37, 13.299, 184.148.



This preview shows how white text looks on a background with the CIELCh color 37, 13.299, 184.148.

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, 13.299, 184.148

Protanopia
37, 1.778, 63.233

Deuteranopia
37, 5.661, 339.341



Tritanopia
37, 11.484, 220.430

Trichromacy



Original Color
37, 13.299, 184.148

Protanomaly
37, 4.603, 175.062

Deuteranomaly
37, 2.399, 230.391

Tritanomaly
37, 11.450, 207.384

Monochromacy



Original Color
37, 13.299, 184.148

Achromatopsia
35, 0.005, 296.813

Achromatomaly
36, 5.162, 184.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 13.299, 184.148 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(60, 93, 88)` looks like.

```
.text, #text, p{  
    color:rgb(60, 93, 88)  
}
```

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(60, 93, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 93, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 13.299, 184.148 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(60, 93, 88) }
```

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

```
.border{ border-color:rgb(60, 93, 88) }
```

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

Here you see how a box with a 4 pixel rgb(60, 93, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 93, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 93, 88);  
box-shadow:4px 4px 4px 4px rgb(60, 93, 88)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 37, 13.299, 184.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 93, 88) }
```

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

```
.background{ background-color: rgb(60, 93,  
88) }
```

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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