

Converting Colors

CIELCh(37, 11.395, 185.338)

Have a look what the booklet for
CIELCh(37, 11.395, 185.338)
contains.

CIELCh(37, 11.408, 185.314)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(37, 11.408, 185.314)

Conversions

Conversions Part 1

Format	Color
Hex	405C58
RGB	64, 92, 88
RGB Percent	25%, 36%, 35%
CMY	0.7475, 0.6376, 0.6533
CMYK	0.30, 0.00, 0.04, 0.64
HSL	171°, 18%, 31%
HSV	171°, 30%, 36%
XYZ	7.7794, 9.5379, 10.7496
YIQ	83.1720, -15.4040, -7.1800

Conversions

Conversions Part 2

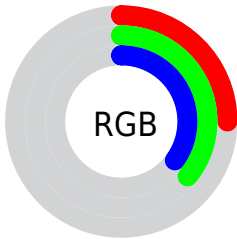
Format	Color
RYB	64, 79, 92
Decimal	4217944
CIELab	37.00, -11.36, -1.06
CIELCh	37, 11.408, 185.314
Yxy	9.5379, 0.2772, 0.3398
Android (android.graphics.Color)	4282408024 (0xFF405C58)
YUV	83.1720, 2.3802, -16.8138
Hunter-Lab	30.8835, -9.0832, 0.9815

Details

The CIELCh color **37, 11.408, 185.314** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30, 13.086, 10.655**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 11.142, 186.470**, and **17, 11.290, 186.321** is the 20% darker color. If you saturate the color by 10%, you get **36, 14.749, 184.452**, and if you desaturate by 10%, it is **38, 7.821, 186.142**.

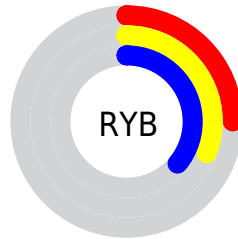
Distribution



Red (25%)

Green (36%)

Blue (35%)



Red (25%)

Yellow (31%)

Blue (36%)

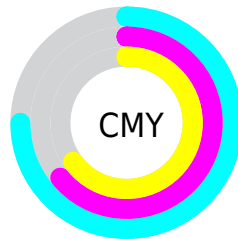


Cyan (30%)

Magenta (0%)

Yellow (4%)

Black (64%)



Cyan (75%)


Magenta (64%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 11.408, 185.314 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, 11.408, 185.314 by changing the saturation by 10% instead.


 37, 11.408,
185.314


 37, 11.408,
185.314

 100, 11.408,
185.314


 27, 11.408,
185.314

 57, 11.408,
185.314


 17, 11.408,
185.314


 67, 11.408,
185.314

 7, 11.408, 185.314

 77, 11.408,
185.314

 0, 11.408, 185.314

 87, 11.408,
185.314

 97, 11.408,
185.314

■ 37, 11.408,
185.314

■ 37, 11.408,
185.314

■ 36, 14.749,
184.452

■ 38, 7.821, 186.142

■ 36, 17.785,
183.554

■ 38, 4.042, 186.970

■ 39, 0.124, 190.084

■ 36, 20.464,
182.603

■ 40, 3.886, 8.340

■ 35, 22.743,
181.583

■ 41, 7.949, 9.113

■ 42, 12.033, 9.844

■ 35, 24.595,
180.480

■ 43, 16.112, 10.552

■ 35, 26.018,
179.276

■ 44, 20.168, 11.242

■ 46, 24.184, 11.915

■ 35, 27.259,
178.136

Harmonies

Complementary

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



37, 11.408, 185.314



30, 13.086, 10.655

Rectangle

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



37, 11.408, 185.314



37, 11.408, 235.314



37, 11.408, 5.314



37, 11.408, 55.314

Sweetspot

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



37, 11.408, 185.311



49, 4.375, 187.059



37, 20.139, 138.728



25, 3.059, 186.971



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, 11.408, 185.311



47, 16.474, 184.730



34, 9.162, 241.095



18, 2.188, 187.099



41, 30.844, 177.802



84, 54.952, 176.769

Inverse Universe

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



30, 13.086, 10.655



38, 19.555, 11.587



33, 10.629, 55.449



17, 2.272, 8.329



21, 50.388, 30.550



50, 92.161, 34.219

Previews

White Background



This preview shows how the CIELCh color 37, 11.408, 185.314 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, 11.408, 185.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

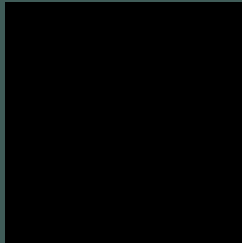
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 11.408, 185.314

Background



This preview shows how black text looks on a background with the CIELCh color 37, 11.408, 185.314.



This preview shows how white text looks on a background with the CIELCh color 37, 11.408, 185.314.

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, 11.408, 185.314

Protanopia
37, 1.422, 45.030

Deuteranopia
37, 5.661, 339.341



Tritanopia
37, 9.957, 224.283

Trichromacy



Original Color
37, 11.408, 185.314

Protanomaly
37, 3.594, 178.831

Deuteranomaly
37, 2.059, 236.359

Tritanomaly
37, 10.113, 208.797

Monochromacy



Original Color
37, 11.408, 185.314

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 4.217, 190.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 11.408, 185.314 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(64, 92, 88)` looks like.

```
.text, #text, p{  
    color:rgb(64, 92, 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(64, 92, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 92, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 11.408, 185.314 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(64, 92, 88) }
```

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

```
.border{ border-color:rgb(64, 92, 88) }
```

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

Here you see how a box with a 4 pixel rgb(64, 92, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 92, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 92, 88);  
box-shadow:4px 4px 4px 4px rgb(64, 92, 88)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 37, 11.408, 185.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 92, 88) }
```

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

```
.background{ background-color: rgb(64, 92,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor