

Converting Colors

CIELCh(37, 11.888, 241.087)

Have a look what the booklet for
CIELCh(37, 11.888, 241.087)
contains.

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Color

CIELCh(37, 11.601, 238.475)

Conversions

Conversions Part 1

Format	Color
Hex	425B67
RGB	66, 91, 103
RGB Percent	26%, 36%, 40%
CMY	0.7426, 0.6446, 0.5975
CMYK	0.36, 0.12, 0.00, 0.60
HSL	199°, 22%, 33%
HSV	199°, 36%, 40%
XYZ	8.3624, 9.5379, 14.1348
YIQ	84.8930, -18.7520, -1.5680

Conversions

Conversions Part 2

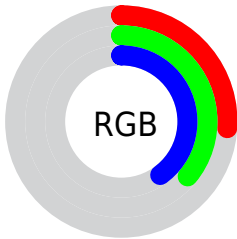
Format	Color
R _{YB}	66, 81, 103
Decimal	4348775
CIE Lab	37.00, -6.07, -9.89
CIE LCh	37, 11.601, 238.475
Yxy	9.5379, 0.2610, 0.2977
Android (android.graphics.Color)	4282538855 (0xFF425B67)
YUV	84.8930, 8.9268, -16.5692
Hunter-Lab	30.8835, -5.7134, -5.5174

Details

The CIELCh color **37, 11.601, 238.475** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **35, 14.121, 52.218**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 11.676, 238.364**, and **17, 11.528, 240.026** is the 20% darker color. If you saturate the color by 10%, you get **35, 14.391, 240.186**, and if you desaturate by 10%, it is **39, 8.596, 237.090**.

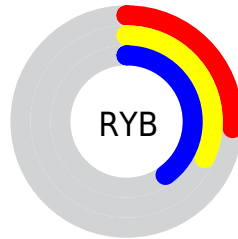
Distribution



Red (26%)

Green (36%)

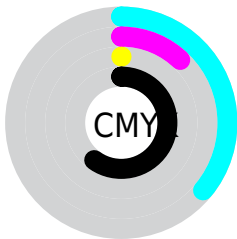
Blue (40%)



Red (26%)

Yellow (32%)

Blue (40%)

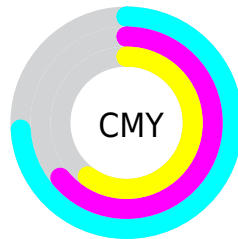


Cyan (36%)

Magenta (12%)

Yellow (0%)

Black (60%)



Cyan (74%)


Magenta (64%)


Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 11.601, 238.475 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, 11.601, 238.475 by changing the saturation by 10% instead.


 37, 11.601,
238.475


 37, 11.601,
238.475

 100, 11.601,
238.475


 27, 11.601,
238.475

 57, 11.601,
238.475


 17, 11.601,
238.475


 67, 11.601,
238.475

 7, 11.601, 238.475

 77, 11.601,
238.475

 0, 11.601, 238.475

 87, 11.601,
238.475

 97, 11.601,
238.475

■ 37, 11.601,
238.475

■ 37, 11.601,
238.475

■ 35, 14.391,
240.186

■ 39, 8.596, 237.090

■ 34, 16.939,
242.301

■ 41, 5.410, 235.986

■ 42, 2.076, 235.167

■ 32, 19.225,
244.889

■ 44, 1.377, 54.064

■ 31, 21.248,
248.020

■ 46, 4.921, 53.625

■ 48, 8.533, 53.163

■ 29, 23.033,
251.739

■ 50, 12.194, 52.776

■ 28, 24.687,
255.859

■ 52, 15.888, 52.455

■ 54, 19.601, 52.188

■ 27, 25.374,
257.386

Harmonies

Complementary

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



37, 11.601, 238.475



35, 14.121, 52.218

Rectangle

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



37, 11.601, 238.475



37, 11.601, 288.475



37, 11.601, 58.475



37, 11.601, 108.475

Sweetspot

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



37, 11.601, 238.472



53, 4.621, 235.554



40, 21.738, 152.118



26, 3.075, 235.631



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



37, 11.601, 238.472



46, 16.685, 239.843



31, 19.278, 286.262



20, 1.910, 235.362



31, 27.641, 258.106



64, 49.518, 261.450

Inverse Universe

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



33, 21.907, 337.839



40, 32.072, 338.520



41, 18.423, 97.480



20, 3.368, 335.823



24, 50.854, 345.690



54, 87.189, 347.133

Previews

White Background



This preview shows how the CIE LCh color 37, 11.601, 238.475 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 CIE LCh color 37, 11.601, 238.475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

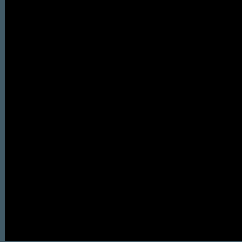
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 11.601, 238.475

Background



This preview shows how black text looks on a background with the CIELCh color 37, 11.601, 238.475.

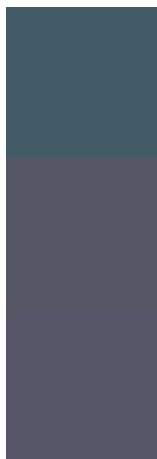


This preview shows how white text looks on a background with the CIELCh color 37, 11.601, 238.475.

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, 11.601, 238.475

Protanopia

37, 8.685, 286.333

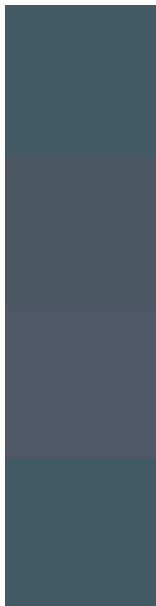
Deuteranopia

37, 11.808, 295.868



Tritanopia
37, 10.773, 225.823

Trichromacy



Original Color
37, 11.601, 238.475

Protanomaly
37, 8.977, 263.113

Deuteranomaly
37, 10.864, 275.440

Tritanomaly
37, 11.002, 228.924

Monochromacy



Original Color
37, 11.601, 238.475

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 4.376, 233.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 11.601, 238.475 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(66, 91, 103)` looks like.

```
.text, #text, p{  
    color:rgb(66, 91, 103)  
}
```

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(66, 91, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 91, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 11.601, 238.475 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(66, 91, 103) }
```

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

```
.border{ border-color:rgb(66, 91, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 91, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 91, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 91, 103);  
box-shadow:4px 4px 4px 4px rgb(66, 91,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 11.601, 238.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 91, 103) }
```

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

```
.background{ background-color: rgb(66, 91,  
103) }
```

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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