

Converting Colors

CIELCh(37, 4.591, 315.092)

Have a look what the booklet for
CIELCh(37, 4.591, 315.092) contains.

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Color

CIELCh(37, 4.091, 314.894)

Conversions

Conversions Part 1

Format	Color
Hex	5A565C
RGB	90, 86, 92
RGB Percent	35%, 34%, 36%
CMY	0.6482, 0.6638, 0.6403
CMYK	0.02, 0.07, 0.00, 0.64
HSL	280°, 3%, 35%
HSV	280°, 7%, 36%
XYZ	9.4136, 9.5379, 11.4049
YIQ	87.8800, 0.4580, 2.7140

Conversions

Conversions Part 2

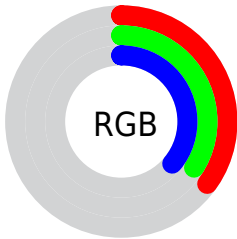
Format	Color
RYB	90, 86, 92
Decimal	5920348
CIELab	37.00, 2.89, -2.90
CIELCh	37, 4.091, 314.894
Yxy	9.5379, 0.3101, 0.3142
Android (android.graphics.Color)	4284110428 (0xFF5A565C)
YUV	87.8800, 2.0312, 1.8592
Hunter-Lab	30.8835, 0.3625, -0.2767

Details

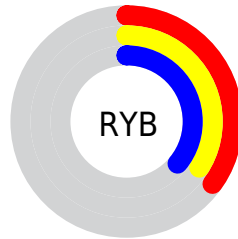
The CIELCh color **37, 4.091, 314.894** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38, 4.060, 134.439**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 3.780, 314.802**, and **17, 3.770, 312.840** is the 20% darker color. If you saturate the color by 10%, you get **34, 10.450, 315.300**, and if you desaturate by 10%, it is **40, 2.133, 134.586**.

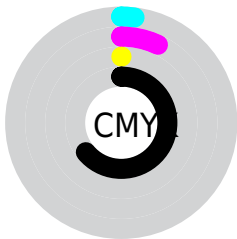
Distribution



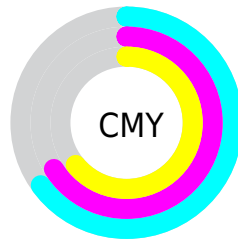
- Red (35%)
- Green (34%)
- Blue (36%)



- Red (35%)
- Yellow (34%)
- Blue (36%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (64%)



- Cyan (65%)
- Magenta (66%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 4.091, 314.894 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, 4.091, 314.894 by changing the saturation by 10% instead.

■ 37, 4.091, 314.894

■ 37, 4.091, 314.894

■ 100, 4.091,
314.894

■ 27, 4.091, 314.894

■ 57, 4.091, 314.894

■ 17, 4.091, 314.894

■ 67, 4.091, 314.894

■ 7, 4.091, 314.894

■ 77, 4.091, 314.894

■ 0, 4.091, 314.894

■ 87, 4.091, 314.894

■ 97, 4.091, 314.894

■ 37, 4.091, 314.894

■ 37, 4.091, 314.894

■ 34, 10.450,
315.300

■ 40, 2.133, 134.586

31, 16.915,
315.711

43, 8.201, 134.202

28, 23.428,
316.119

46, 14.108,
133.874

25, 29.901,
316.508

49, 19.852,
133.577

23, 36.198,
316.852

52, 25.436,
133.307

20, 42.124,
317.113

55, 30.865,
133.065

18, 47.423,
317.244

58, 36.145,
132.847

16, 51.793,
317.189

61, 41.285,
132.652

15, 55.467,
317.025

64, 46.291,
132.479

Harmonies

Complementary

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



37, 4.091, 314.894



38, 4.060, 134.439

Rectangle

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



37, 4.091, 314.894



37, 4.091, 4.894



37, 4.091, 134.894



37, 4.091, 184.894

Sweetspot

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



37, 4.090, 314.891



50, 1.556, 314.669



37, 2.545, 270.599



25, 0.892, 314.655



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, 4.090, 314.891



47, 6.250, 314.963



37, 4.061, 329.160



17, 3.516, 314.986



18, 64.525, 316.800



43, 114.188, 316.171

Inverse Universe

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



37, 2.854, 354.151



47, 4.367, 354.324



38, 4.049, 148.513



17, 2.458, 354.381



22, 45.929, 15.126



50, 82.154, 19.018

Previews

White Background



This preview shows how the CIELCh color 37, 4.091, 314.894 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, 4.091, 314.894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

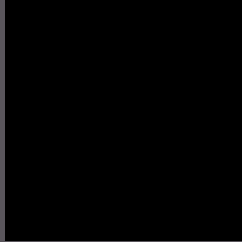
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 4.091, 314.894

Background



This preview shows how black text looks on a background with the CIELCh color 37, 4.091, 314.894.

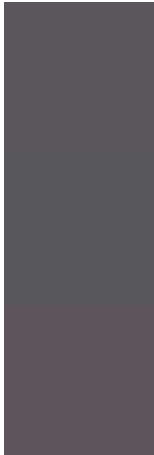


This preview shows how white text looks on a background with the CIELCh color 37, 4.091, 314.894.

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, 4.091, 314.894

Protanopia

37, 3.092, 290.688

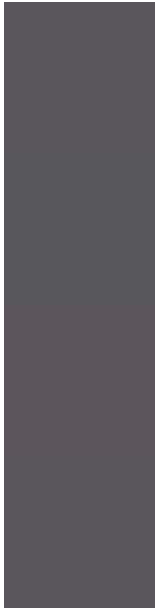
Deuteranopia

37, 6.262, 328.106



Tritanopia
37, 4.091, 314.894

Trichromacy



Original Color

37, 4.091, 314.894

Protanomaly

37, 3.125, 298.338

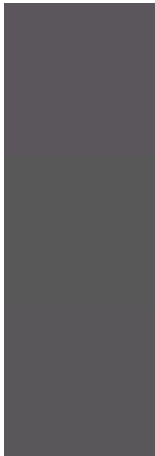
Deuteranomaly

37, 5.260, 324.799

Tritanomaly

37, 4.091, 314.894

Monochromacy



Original Color

37, 4.091, 314.894

Achromatopsia

37, 0.005, 296.813

Achromatomaly

37, 1.509, 324.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 4.091, 314.894 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(90, 86, 92)` looks like.

```
.text, #text, p{  
    color:rgb(90, 86, 92)  
}
```

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(90, 86, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 86, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 4.091, 314.894 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(90, 86, 92) }
```

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

```
.border{ border-color:rgb(90, 86, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 86, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 86, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 86, 92);  
box-shadow:4px 4px 4px 4px rgb(90, 86, 92)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 37, 4.091, 314.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 86, 92) }
```

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

```
.background{ background-color: rgb(90, 86,  
92) }
```

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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