

Converting Colors

CIELCh(37, 6.852, 340.927)

Have a look what the booklet for
CIELCh(37, 6.852, 340.927) contains.

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Color

CIELCh(37, 6.702, 340.289)

Conversions

Conversions Part 1

Format	Color
Hex	60545B
RGB	96, 84, 91
RGB Percent	38%, 33%, 36%
CMY	0.6243, 0.6714, 0.6439
CMYK	0.00, 0.13, 0.05, 0.62
HSL	325°, 7%, 35%
HSV	325°, 13%, 38%
XYZ	9.8376, 9.5379, 11.1751
YIQ	88.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

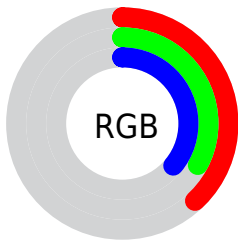
Format	Color
RYB	96, 84, 91
Decimal	6313051
CIELab	37.00, 6.31, -2.26
CIElCh	37, 6.702, 340.289
Yxy	9.5379, 0.3220, 0.3122
Android (android.graphics.Color)	4284503131 (0xFF60545B)
YUV	88.3860, 1.2887, 6.6775
Hunter-Lab	30.8835, 2.8128, 0.1646

Details

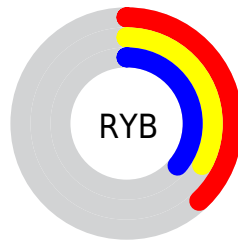
The CIELCh color $37, 6.702, 340.289$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39, 6.632, 158.537$, and the grayscale version is $37, 0.005, 296.813$.

A 20% lighter version of the original color is $57, 6.502, 342.278$, and $17, 6.711, 342.784$ is the 20% darker color. If you saturate the color by 10%, you get $34, 12.139, 341.095$, and if you desaturate by 10%, it is $40, 1.338, 339.433$.

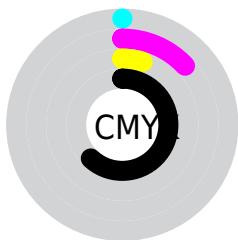
Distribution



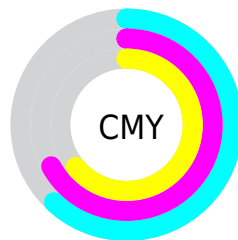
- Red (38%)
- Green (33%)
- Blue (36%)



- Red (38%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (62%)



- Cyan (62%)
- Magenta (67%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 6.702, 340.289 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, 6.702, 340.289 by changing the saturation by 10% instead.

■ 37, 6.702, 340.289

■ 37, 6.702, 340.289

■ 100, 6.702,
340.289

■ 27, 6.702, 340.289

■ 57, 6.702, 340.289

■ 17, 6.702, 340.289

■ 67, 6.702, 340.289

■ 7, 6.702, 340.289

■ 77, 6.702, 340.289

■ 0, 6.702, 340.289

■ 87, 6.702, 340.289

■ 97, 6.702, 340.289

■ 37, 6.702, 340.289

■ 37, 6.702, 340.289

■ 34, 12.139,
341.095

■ 40, 1.338, 339.433

31, 17.582,
341.964

43, 3.905, 158.980

29, 22.919,
342.922

46, 9.005, 158.321

26, 27.997,
343.999

49, 13.950,
157.725

24, 32.613,
345.236

52, 18.741,
157.172

22, 36.532,
346.689

55, 23.379,
156.655

21, 39.519,
348.437

58, 27.874,
156.170

20, 41.468,
350.551

61, 32.232,
155.715

19, 42.850,
352.132

64, 36.464,
155.287

Harmonies

Complementary

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



37, 6.702, 340.289



39, 6.632, 158.537

Rectangle

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



37, 6.702, 340.289



37, 6.702, 30.289



37, 6.702, 160.289



37, 6.702, 210.289

Sweetspot

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



37, 6.701, 340.292



51, 2.644, 339.610



36, 7.750, 306.681



26, 1.895, 339.663



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, 6.701, 340.292



47, 10.014, 340.523



37, 5.258, 13.413



18, 3.020, 340.008



23, 47.735, 352.769



52, 82.585, 354.956

Inverse Universe

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



37, 6.701, 340.292



47, 10.014, 340.523



40, 4.940, 191.711



18, 3.020, 340.008



23, 47.735, 352.769



52, 82.585, 354.956

Previews

White Background



This preview shows how the CIELCh color 37, 6.702, 340.289 looks on a white background.

Color Contrast Check

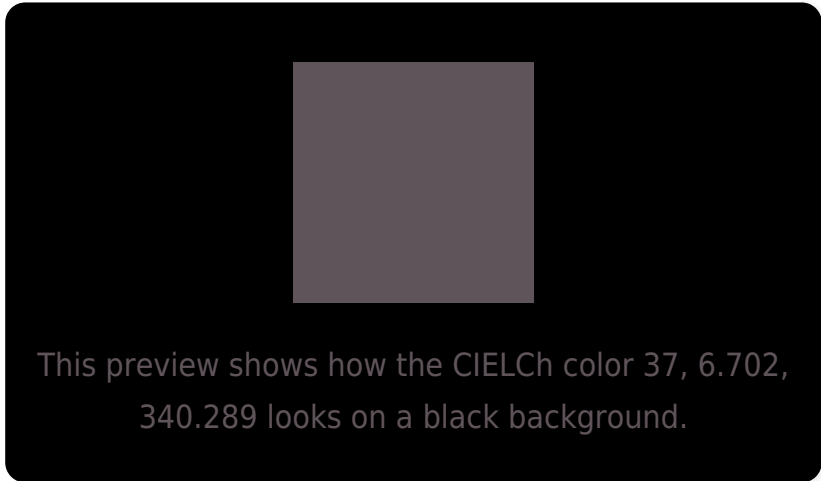
Large Text (above 18pt) WCAG AA ✓ Pass

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

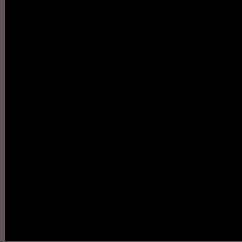
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 6.702, 340.289

Background



This preview shows how black text looks on a background with the CIELCh color 37, 6.702, 340.289.

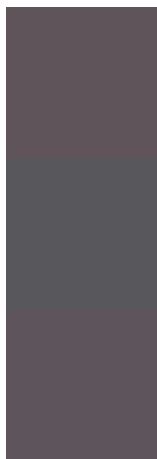


This preview shows how white text looks on a background with the CIELCh color 37, 6.702, 340.289.

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, 6.702, 340.289

Protanopia

37, 3.092, 290.688

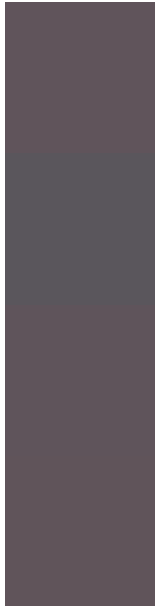
Deuteranopia

37, 6.078, 334.928



Tritanopia
37, 6.332, 344.595

Trichromacy



Original Color

37, 6.702, 340.289

Protanomaly

37, 4.091, 314.894

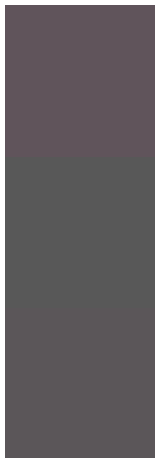
Deuteranomaly

37, 6.383, 337.732

Tritanomaly

37, 6.332, 344.595

Monochromacy



Original Color

37, 6.702, 340.289

Achromatopsia

37, 0.005, 296.813

Achromatomaly

37, 2.834, 338.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 6.702, 340.289 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(96, 84, 91)` looks like.

```
.text, #text, p{  
    color:rgb(96, 84, 91)  
}
```

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(96, 84, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 84, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 6.702, 340.289 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(96, 84, 91) }
```

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

```
.border{ border-color:rgb(96, 84, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 84, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 84, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 84, 91);  
box-shadow:4px 4px 4px 4px rgb(96, 84, 91)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 37, 6.702, 340.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 84, 91) }
```

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

```
.background{ background-color: rgb(96, 84,  
91) }
```

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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