

Converting Colors

CIELCh(37, 11.350, 357.875)

Have a look what the booklet for
CIELCh(37, 11.350, 357.875)
contains.

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Color

CIELCh(37, 11.256, 358.749)

Conversions

Conversions Part 1

Format	Color
Hex	695158
RGB	105, 81, 88
RGB Percent	41%, 32%, 35%
CMY	0.5892, 0.6833, 0.6558
CMYK	0.00, 0.23, 0.16, 0.59
HSL	342°, 13%, 36%
HSV	342°, 23%, 41%
XYZ	10.4723, 9.5379, 10.4692
YIQ	88.9740, 12.0570, 7.2650

Conversions

Conversions Part 2

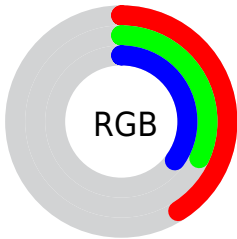
Format	Color
R_{YB}	105, 81, 88
Decimal	6902104
CIE Lab	37.00, 11.25, -0.25
CIE LCh	37, 11.256, 358.749
Yxy	9.5379, 0.3436, 0.3129
Android (android.graphics.Color)	4285092184 (0xFF695158)
YUV	88.9740, -0.4802, 14.0548
Hunter-Lab	30.8835, 6.4813, 1.5198

Details

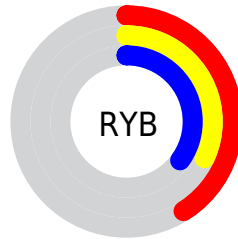
The CIELCh color $[37, 11.256, 358.749]$ is a dark color, and the websafe version is hex `666666`. A complement of this color would be $[42, 10.552, 174.502]$, and the grayscale version is $[38, 0.005, 296.813]$.

A 20% lighter version of the original color is $[57, 11.699, 357.871]$, and $[17, 11.273, 357.163]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 16.413, 359.999]$, and if you desaturate by 10%, it is $[40, 6.225, 357.669]$.

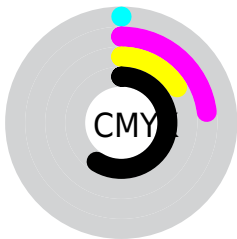
Distribution



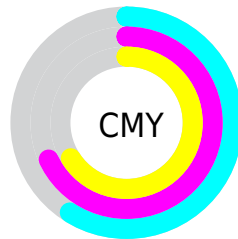
- Red (41%)
- Green (32%)
- Blue (35%)



- Red (41%)
- Yellow (32%)
- Blue (35%)



- Cyan (0%)
- Magenta (23%)
- Yellow (16%)
- Black (59%)





- Cyan (59%)
- Magenta (68%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 11.256, 358.749 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, 11.256, 358.749 by changing the saturation by 10% instead.


 37, 11.256,
358.749


 37, 11.256,
358.749

 100, 11.256,
358.749


 27, 11.256,
358.749

 57, 11.256,
358.749


 17, 11.256,
358.749


 67, 11.256,
358.749

 7, 11.256, 358.749

 77, 11.256,
358.749

 0, 11.256, 358.749

 87, 11.256,
358.749

 97, 11.256,
358.749

37, 11.256,
358.749

37, 11.256,
358.749

34, 16.413,
359.999

40, 6.225, 357.669

31, 21.618, 1.471

43, 1.373, 356.571

28, 26.741, 3.246

47, 3.281, 176.062

26, 31.606, 5.427

50, 7.730, 175.277

24, 36.007, 8.143

53, 11.981,
174.603

22, 39.758, 11.538

57, 16.043,
173.996

21, 42.804, 15.684

60, 19.931,
173.443

20, 45.033, 18.552

63, 23.658,
172.936

67, 27.240,

Harmonies

Complementary

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



37, 11.256, 358.749



42, 10.552, 174.502

Rectangle

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



37, 11.256, 358.749



37, 11.256, 48.749



37, 11.256, 178.749



37, 11.256, 228.749

Sweetspot

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



37, 11.255, 358.753



54, 4.119, 357.086



37, 16.369, 316.645



27, 2.699, 357.121



79, 0.010, 296.813



29, 0.005, 296.813

Same Dimension

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



37, 11.255, 358.753



46, 16.486, 359.332



38, 9.115, 39.164



21, 2.741, 357.270



23, 48.976, 19.349



52, 85.913, 22.965

Inverse Universe

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



37, 11.255, 358.753



46, 16.486, 359.332



41, 7.900, 220.331



21, 2.741, 357.270



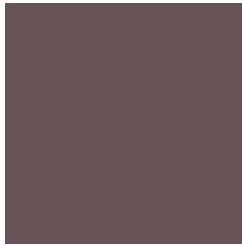
23, 48.976, 19.349



52, 85.913, 22.965

Previews

White Background



This preview shows how the CIELCh color 37, 11.256, 358.749 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, 11.256, 358.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

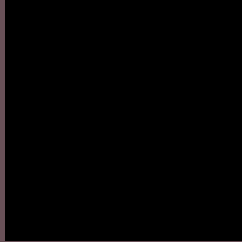
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 11.256, 358.749

Background



This preview shows how black text looks on a background with the CIELCh color 37, 11.256, 358.749.



This preview shows how white text looks on a background with the CIELCh color 37, 11.256, 358.749.

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, 11.256, 358.749

Protanopia

37, 2.515, 300.156

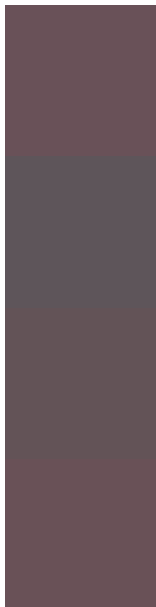
Deuteranopia

37, 5.505, 0.591



Tritanopia
37, 11.076, 1.739

Trichromacy



Original Color
37, 11.256, 358.749

Protanomaly
37, 4.935, 341.431

Deuteranomaly
37, 7.359, 0.978

Tritanomaly
37, 11.076, 1.739

Monochromacy



Original Color
37, 11.256, 358.749

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 4.281, 354.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 11.256, 358.749 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(105, 81, 88)` looks like.

```
.text, #text, p{  
    color:rgb(105, 81, 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(105, 81, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 81, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 11.256, 358.749 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(105, 81, 88) }
```

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

```
.border{ border-color:rgb(105, 81, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 81, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 81, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 81, 88);  
box-shadow:4px 4px 4px 4px rgb(105, 81,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 11.256, 358.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 81, 88) }
```

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

```
.background{ background-color: rgb(105, 81,  
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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