

Converting Colors

CIELCh(37, 60.665, 0.751)

Have a look what the booklet for
CIELCh(37, 60.665, 0.751) contains.

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Color

CIELCh(37, 60.543, 0.706)

Conversions

Conversions Part 1

Format	Color
Hex	A91058
RGB	169, 16, 88
RGB Percent	66%, 6%, 35%
CMY	0.3367, 0.9360, 0.6544
CMYK	0.00, 0.90, 0.48, 0.34
HSL	332°, 82%, 36%
HSV	332°, 90%, 66%
XYZ	18.3511, 9.5379, 10.1329
YIQ	69.9550, 68.0760, 54.8280

Conversions

Conversions Part 2

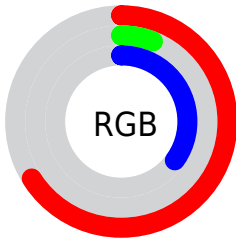
Format	Color
R_{YB}	169, 16, 88
Decimal	11079768
CIE _{Lab}	37.00, 60.54, 0.75
CIE _{LCh}	37, 60.543, 0.706
Yxy	9.5379, 0.4826, 0.2509
Android (android.graphics.Color)	4289269848 (0xFFA91058)
YUV	69.9550, 8.8962, 86.8625
Hunter-Lab	30.8835, 52.0191, 2.1654

Details

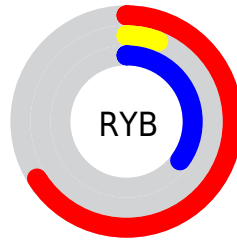
The CIELCh color **37, 60.543, 0.706** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **61, 59.490, 152.964**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 60.637, 0.461**, and **22, 45.839, 10.230** is the 20% darker color. If you saturate the color by 10%, you get **36, 62.123, 4.560**, and if you desaturate by 10%, it is **39, 57.700, 357.349**.

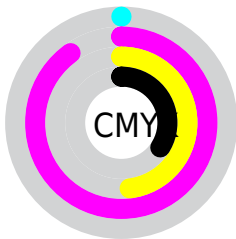
Distribution



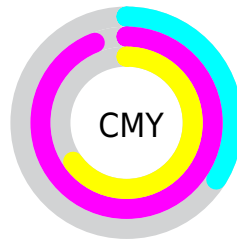
- Red (66%)
- Green (6%)
- Blue (35%)



- Red (66%)
- Yellow (6%)
- Blue (35%)



- Cyan (0%)
- Magenta (90%)
- Yellow (48%)
- Black (34%)



- Cyan (34%)
- Magenta (94%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 37, 60.543, 0.706 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, 60.543, 0.706 by changing the saturation by 10% instead.

 37, 60.543, 0.706

 37, 60.543, 0.706

 100, 60.543, 0.706

 27, 60.543, 0.706

 57, 60.543, 0.706

 17, 60.543, 0.706

 67, 60.543, 0.706

 7, 60.543, 0.706

 77, 60.543, 0.706

 0, 60.543, 0.706


 87, 60.543, 0.706

 97, 60.543, 0.706

 37, 60.543, 0.706

 37, 60.543, 0.706

 36, 62.123, 4.560

 39, 57.700,
357.349

■ 41, 53.190,
354.692

■ 44, 47.224,
352.573

■ 47, 40.180,
350.849

■ 51, 32.456,
349.412

■ 55, 24.392,
348.184

■ 60, 16.240,
347.111

■ 64, 8.168, 346.143

■ 69, 0.281, 344.028

Harmonies

Complementary

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



37, 60.543, 0.706



61, 59.490, 152.964

Rectangle

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



37, 60.543, 0.706



37, 60.543, 50.706



37, 60.543, 180.706



37, 60.543, 230.706

Sweetspot

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



37, 60.540, 0.707



72, 26.761, 347.862



29, 87.150, 312.806



36, 18.035, 348.227



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



37, 60.540, 0.707



47, 75.352, 5.466



36, 71.114, 37.393



33, 4.440, 346.043



31, 56.313, 4.008



2, 7.669, 349.144

Inverse Universe

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



37, 60.540, 0.707



47, 75.352, 5.466



62, 35.426, 198.830



33, 4.440, 346.043



31, 56.313, 4.008



2, 7.669, 349.144

Previews

White Background



This preview shows how the CIELCh color 37, 60.543, 0.706 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, 60.543, 0.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

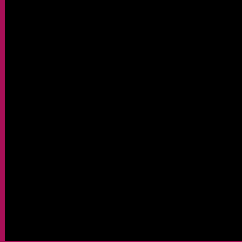
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 60.543, 0.706

Background



This preview shows how black text looks on a background with the CIELCh color 37, 60.543, 0.706.



This preview shows how white text looks on a background with the CIELCh color 37, 60.543, 0.706.

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, 60.543, 0.706

Protanopia

38, 23.537, 284.603

Deuteranopia

38, 6.958, 46.163



Tritanopia
37, 61.325, 32.260

Trichromacy



Original Color
37, 60.543, 0.706

Protanomaly
34, 35.851, 326.096

Deuteranomaly
35, 30.495, 358.208

Tritanomaly
37, 59.257, 21.025

Monochromacy



Original Color
37, 60.543, 0.706

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 28.916, 350.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 60.543, 0.706 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(169, 16, 88)` looks like.

```
.text, #text, p{  
    color:rgb(169, 16, 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(169, 16, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 16, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 60.543, 0.706 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(169, 16, 88) }
```

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

```
.border{ border-color:rgb(169, 16, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 16, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 16, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 16, 88);  
box-shadow:4px 4px 4px 4px rgb(169, 16,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 60.543, 0.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 16, 88) }
```

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

```
.background{ background-color: rgb(169, 16,  
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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