

Converting Colors

CIELCh(37, 60.366, 359.516)

Have a look what the booklet for
CIELCh(37, 60.366, 359.516)
contains.

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Color

CIELCh(37, 60.550, 359.652)

Conversions

Conversions Part 1

Format	Color
Hex	A9115A
RGB	169, 17, 90
RGB Percent	66%, 7%, 35%
CMY	0.3380, 0.9347, 0.6477
CMYK	0.00, 0.90, 0.47, 0.34
HSL	331°, 82%, 36%
HSV	331°, 90%, 66%
XYZ	18.3531, 9.5379, 10.5111
YIQ	70.7700, 67.1590, 54.9270

Conversions

Conversions Part 2

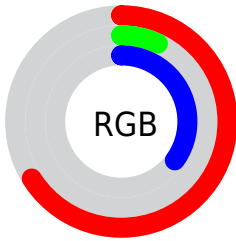
Format	Color
R_{YB}	169, 17, 90
Decimal	11080026
CIE Lab	37.00, 60.55, -0.37
CIE LCh	37, 60.550, 359.652
Yxy	9.5379, 0.4779, 0.2484
Android (android.graphics.Color)	4289270106 (0xFFA9115A)
YUV	70.7700, 9.4804, 86.1477
Hunter-Lab	30.8835, 52.0307, 1.4394

Details

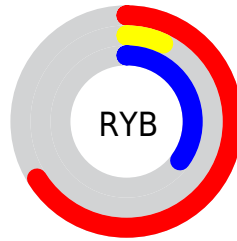
The CIELCh color **37, 60.550, 359.652** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **61, 59.996, 152.413**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **57, 60.432, 359.638**, and **22, 45.763, 8.555** is the 20% darker color. If you saturate the color by 10%, you get **36, 62.091, 3.478**, and if you desaturate by 10%, it is **39, 57.728, 356.406**.

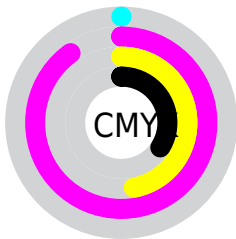
Distribution



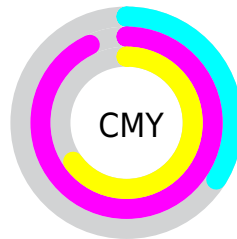
- Red (66%)
- Green (7%)
- Blue (35%)



- Red (66%)
- Yellow (7%)
- Blue (35%)



- Cyan (0%)
- Magenta (90%)
- Yellow (47%)
- Black (34%)





- Cyan (34%)
- Magenta (93%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 37, 60.550, 359.652 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, 60.550, 359.652 by changing the saturation by 10% instead.


 37, 60.550,
359.652


 37, 60.550,
359.652

 100, 60.550,
359.652


 27, 60.550,
359.652

 57, 60.550,
359.652


 17, 60.550,
359.652


 67, 60.550,
359.652

 7, 60.550, 359.652

 77, 60.550,
359.652

 0, 60.550, 359.652

 87, 60.550,
359.652

 97, 60.550,
359.652

■ 37, 60.550,
359.652

■ 37, 60.550,
359.652

■ 36, 62.091, 3.478

■ 39, 57.728,
356.406

■ 41, 53.217,
353.835

■ 44, 47.239,
351.780

■ 47, 40.176,
350.103

■ 51, 32.429,
348.701

■ 55, 24.337,
347.498

■ 60, 16.152,
346.443

■ 64, 8.044, 345.489

Harmonies

Complementary

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



37, 60.550, 359.652



61, 59.996, 152.413

Rectangle

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



37, 60.550, 359.652



37, 60.550, 49.652



37, 60.550, 179.652



37, 60.550, 229.652

Sweetspot

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



37, 60.547, 359.653



72, 26.939, 347.205



29, 86.902, 312.815



36, 18.153, 347.564



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, 60.547, 359.653



47, 75.403, 4.369



36, 70.861, 37.326



33, 4.473, 345.410



31, 56.381, 2.949



2, 7.717, 348.555

Inverse Universe

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



37, 60.547, 359.653



47, 75.403, 4.369



62, 35.354, 198.826



33, 4.473, 345.410



31, 56.381, 2.949



2, 7.717, 348.555

Previews

White Background



This preview shows how the CIELCh color 37, 60.550, 359.652 looks on a white background.

Color Contrast Check

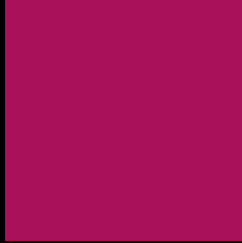
Large Text (above 18pt) WCAG AA ✓ Pass

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, 60.550, 359.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

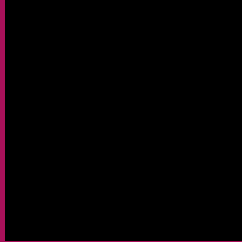
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 37, 60.550, 359.652

Background



This preview shows how black text looks on a background with the CIELCh color 37, 60.550, 359.652.



This preview shows how white text looks on a background with the CIELCh color 37, 60.550, 359.652.

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, 60.550, 359.652

Protanopia

38, 24.775, 284.582

Deuteranopia

38, 6.455, 36.663



Tritanopia
37, 60.435, 31.979

Trichromacy



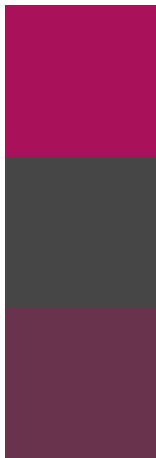
Original Color
37, 60.550, 359.652

Protanomaly
34, 36.678, 324.442

Deuteranomaly
35, 30.660, 357.109

Tritanomaly
37, 58.515, 20.469

Monochromacy



Original Color
37, 60.550, 359.652

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 28.301, 350.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 37, 60.550, 359.652 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, 17, 90)` looks like.

```
.text, #text, p{  
    color:rgb(169, 17, 90)  
}
```

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, 17, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 17, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 37, 60.550, 359.652 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, 17, 90) }
```

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

```
.border{ border-color:rgb(169, 17, 90) }
```

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

Here you see how a box with a 4 pixel rgb(169, 17, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 17, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 17, 90);  
box-shadow:4px 4px 4px 4px rgb(169, 17,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 37, 60.550, 359.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 17, 90) }
```

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

```
.background{ background-color: rgb(169, 17,  
90) }
```

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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