

Converting Colors

CIELCh(35, 37.226, 16.872)

Have a look what the booklet for
CIELCh(35, 37.226, 16.872) contains.

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Color

CIELCh(35, 37.226, 16.872)

Conversions

Conversions Part 1

Format	Color
Hex	893843
RGB	137, 56, 67
RGB Percent	54%, 22%, 26%
CMY	0.4639, 0.7814, 0.7382
CMYK	0.00, 0.59, 0.51, 0.46
HSL	352°, 42%, 38%
HSV	352°, 59%, 54%
XYZ	12.6751, 8.4984, 6.2443
YIQ	81.4730, 44.7450, 20.5930

Conversions

Conversions Part 2

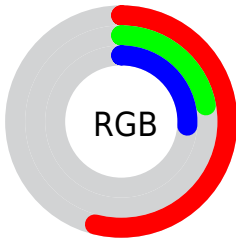
Format	Color
R_{YB}	137, 56, 67
Decimal	8992835
CIE Lab	35.00, 35.62, 10.80
CIE LCh	35, 37.226, 16.872
Yxy	8.4984, 0.4623, 0.3100
Android (android.graphics.Color)	4287182915 (0xFF893843)
YUV	81.4730, -7.1352, 48.6972
Hunter-Lab	29.1520, 26.5948, 7.7065

Details

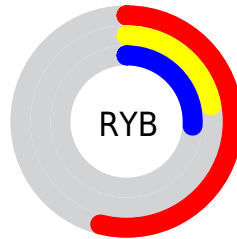
The CIELCh color **35, 37.226, 16.872** is a dark color, and the websafe version is hex **993333**, and the color name is **solid pink**. A complement of this color would be **52, 27.398, 183.094**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 37.447, 16.597**, and **15, 37.344, 16.561** is the 20% darker color. If you saturate the color by 10%, you get **32, 43.625, 19.801**, and if you desaturate by 10%, it is **38, 30.585, 14.550**.

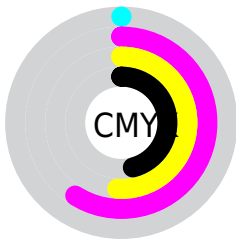
Distribution



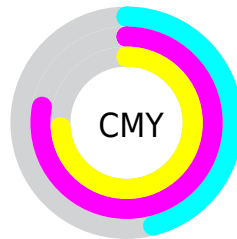
- Red (54%)
- Green (22%)
- Blue (26%)



- Red (54%)
- Yellow (22%)
- Blue (26%)



- Cyan (0%)
- Magenta (59%)
- Yellow (51%)
- Black (46%)



- Cyan (46%)
- Magenta (78%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 37.226, 16.872 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 35, 37.226, 16.872 by changing the saturation by 10% instead.

■ 35, 37.226, 16.872

■ 35, 37.226, 16.872

■ 100, 37.226,
16.872

■ 25, 37.226, 16.872

■ 55, 37.226, 16.872

■ 15, 37.226, 16.872

■ 65, 37.226, 16.872

■ 5, 37.226, 16.872

■ 75, 37.226, 16.872

■ 0, 37.226, 16.872

■ 85, 37.226, 16.872

■ 95, 37.226, 16.872

■ 35, 37.226, 16.872

■ 35, 37.226, 16.872

■ 32, 43.625, 19.801

■ 38, 30.585, 14.550

■ 30, 49.571, 23.434

■ 42, 23.922, 12.702

■ 29, 54.906, 27.761

■ 45, 17.404, 11.214

■ 28, 59.771, 32.197

■ 49, 11.142, 9.993

■ 28, 60.154, 32.492

■ 53, 5.193, 8.952

■ 57, 0.421, 189.133

■ 61, 5.703, 187.535

■ 66, 10.673,
186.879

■ 70, 15.355,
186.320

Harmonies

Complementary

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



35, 37.226, 16.872



52, 27.398, 183.094

Rectangle

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



35, 37.226, 16.872



35, 37.226, 66.872



35, 37.226, 196.872



35, 37.226, 246.872

Sweetspot

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



35, 37.224, 16.875



64, 12.940, 9.902



36, 53.297, 322.695



32, 9.022, 10.190



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



35, 37.224, 16.875



42, 55.560, 20.939



41, 31.799, 53.588



27, 3.195, 8.945



27, 58.746, 32.332



0, 1.445, 8.240

Inverse Universe

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



35, 37.224, 16.875



42, 55.560, 20.939



43, 22.650, 247.438



27, 3.195, 8.945



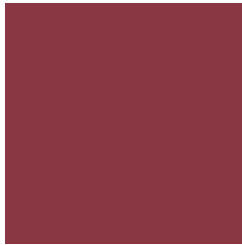
27, 58.746, 32.332



0, 1.445, 8.240

Previews

White Background



This preview shows how the CIELCh color 35, 37.226, 16.872 looks on a white background.

Color Contrast Check

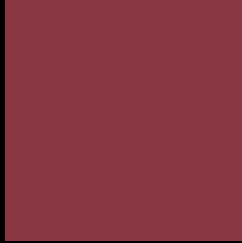
Large Text (above 18pt) WCAG AA ✓ Pass

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 35, 37.226, 16.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

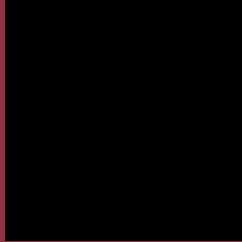
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 37.226, 16.872

Background



This preview shows how black text looks on a background with the CIELCh color 35, 37.226, 16.872.



This preview shows how white text looks on a background with the CIELCh color 35, 37.226, 16.872.

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

35, 37.226, 16.872

Protanopia

35, 2.046, 84.668

Deuteranopia

35, 13.687, 69.788



Tritanopia
35, 37.102, 22.928

Trichromacy



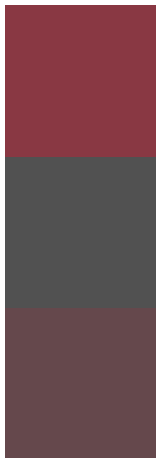
Original Color
35, 37.226, 16.872

Protanomaly
34, 14.138, 16.708

Deuteranomaly
35, 20.223, 34.575

Tritanomaly
35, 36.817, 21.078

Monochromacy



Original Color
35, 37.226, 16.872

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 13.288, 10.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 37.226, 16.872 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(137, 56, 67)` looks like.

```
.text, #text, p{  
    color:rgb(137, 56, 67)  
}
```

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(137, 56, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 56, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 37.226, 16.872 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(137, 56, 67) }
```

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

```
.border{ border-color:rgb(137, 56, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 56, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 56, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 56, 67);  
box-shadow:4px 4px 4px 4px rgb(137, 56,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 37.226, 16.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 56, 67) }
```

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

```
.background{ background-color: rgb(137, 56,  
67) }
```

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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