

Converting Colors

CIELCh(35, 37.525, 6.811)

Have a look what the booklet for
CIELCh(35, 37.525, 6.811) contains.

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Color

CIELCh(35, 37.911, 6.400)

Conversions

Conversions Part 1

Format	Color
Hex	89364D
RGB	137, 54, 77
RGB Percent	54%, 21%, 30%
CMY	0.4626, 0.7881, 0.6979
CMYK	0.00, 0.61, 0.44, 0.46
HSL	343°, 43%, 37%
HSV	343°, 61%, 54%
XYZ	12.9829, 8.4984, 7.9823
YIQ	81.4390, 42.0850, 24.7490

Conversions

Conversions Part 2

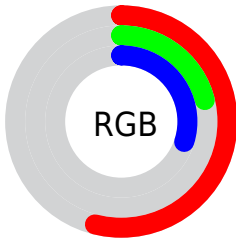
Format	Color
R_{YB}	137, 54, 77
Decimal	8992333
CIE _{Lab}	35.00, 37.67, 4.23
CIE _{LCh}	35, 37.911, 6.400
Yxy	8.4984, 0.4406, 0.2884
Android (android.graphics.Color)	4287182413 (0xFF89364D)
YUV	81.4390, -2.1884, 48.7270
Hunter-Lab	29.1520, 28.4794, 4.1719

Details

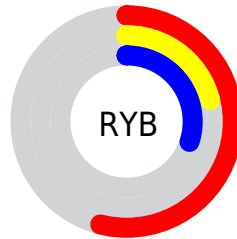
The CIELCh color **35, 37.911, 6.400** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **52, 31.345, 171.029**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 37.585, 6.302**, and **15, 37.339, 7.241** is the 20% darker color. If you saturate the color by 10%, you get **32, 43.489, 9.212**, and if you desaturate by 10%, it is **38, 31.779, 4.160**.

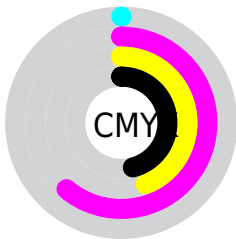
Distribution



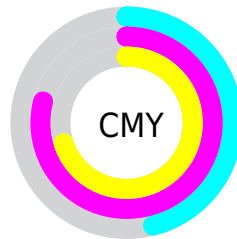
- Red (54%)
- Green (21%)
- Blue (30%)



- Red (54%)
- Yellow (21%)
- Blue (30%)



- Cyan (0%)
- Magenta (61%)
- Yellow (44%)
- Black (46%)



- Cyan (46%)
- Magenta (79%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 37.911, 6.400 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, 37.911, 6.400 by changing the saturation by 10% instead.

 35, 37.911, 6.400  35, 37.911, 6.400

 100, 37.911, 6.400  25, 37.911, 6.400


 55, 37.911, 6.400  15, 37.911, 6.400

 65, 37.911, 6.400  5, 37.911, 6.400


 75, 37.911, 6.400  0, 37.911, 6.400

 85, 37.911, 6.400

 95, 37.911, 6.400

 35, 37.911, 6.400  35, 37.911, 6.400

 32, 43.489, 9.212  38, 31.779, 4.160

 30, 48.274, 12.743  41, 25.362, 2.347

29, 52.146, 17.115

45, 18.880, 0.852

28, 55.412, 21.618

49, 12.490,
359.592

53, 6.291, 358.494

57, 0.334, 356.524

61, 5.358, 176.874

65, 10.785,
176.110

69, 15.956,
175.443

Harmonies

Complementary

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



35, 37.911, 6.400



52, 31.345, 171.029

Rectangle

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



35, 37.911, 6.400



35, 37.911, 56.400



35, 37.911, 186.400



35, 37.911, 236.400

Sweetspot

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



35, 37.909, 6.402



64, 13.508, 359.342



34, 53.782, 318.585



32, 9.396, 359.638



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, 37.909, 6.402



42, 55.279, 10.544



38, 34.604, 41.735



27, 3.362, 358.346



27, 54.049, 21.422



0, 1.532, 357.568

Inverse Universe

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



35, 37.909, 6.402



42, 55.279, 10.544



47, 22.013, 226.854



27, 3.362, 358.346



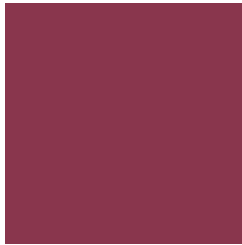
27, 54.049, 21.422



0, 1.532, 357.568

Previews

White Background



This preview shows how the CIE LCh color 35, 37.911, 6.400 looks on a white background.

Color Contrast Check

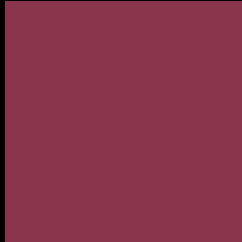
Large Text (above 18pt) WCAG AA ✓ Pass

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 35, 37.911, 6.400 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, 37.911, 6.400

Background



This preview shows how black text looks on a background with the CIELCh color 35, 37.911, 6.400.



This preview shows how white text looks on a background with the CIELCh color 35, 37.911, 6.400.

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, 37.911, 6.400

Protanopia

36, 6.234, 287.469

Deuteranopia

35, 8.135, 52.279



Tritanopia
35, 37.102, 22.928

Trichromacy



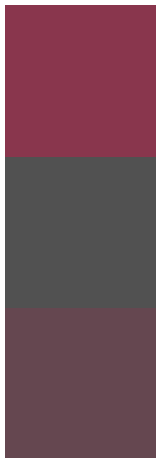
Original Color
35, 37.911, 6.400

Protanomaly
34, 15.880, 346.175

Deuteranomaly
35, 17.906, 16.521

Tritanomaly
35, 36.795, 16.655

Monochromacy



Original Color
35, 37.911, 6.400

Achromatopsia
34, 0.005, 296.813

Achromatomaly
34, 14.362, 358.974

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 37.911, 6.400 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, 54, 77)` looks like.

```
.text, #text, p{  
    color:rgb(137, 54, 77)  
}
```

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, 54, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 54, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 37.911, 6.400 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, 54, 77) }
```

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

```
.border{ border-color:rgb(137, 54, 77) }
```

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

Here you see how a box with a 4 pixel rgb(137, 54, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 54, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 54, 77);  
box-shadow:4px 4px 4px 4px rgb(137, 54,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 37.911, 6.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 54, 77) }
```

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

```
.background{ background-color: rgb(137, 54,  
77) }
```

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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