

Converting Colors

CIELCh(35, 46.651, 3.919)

Have a look what the booklet for
CIELCh(35, 46.651, 3.919) contains.

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Color

CIELCh(35, 46.671, 3.649)

Conversions

Conversions Part 1

Format	Color
Hex	932A4F
RGB	147, 42, 79
RGB Percent	58%, 16%, 31%
CMY	0.4219, 0.8336, 0.6888
CMYK	0.00, 0.71, 0.46, 0.42
HSL	339°, 55%, 37%
HSV	339°, 71%, 58%
XYZ	14.3764, 8.4984, 8.3469
YIQ	77.6130, 50.7030, 33.7670

Conversions

Conversions Part 2

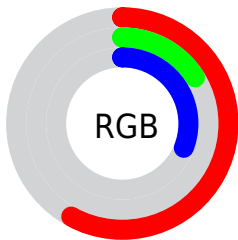
Format	Color
R_{YB}	147, 42, 79
Decimal	9644623
CIE Lab	35.00, 46.58, 2.97
CIE LCh	35, 46.671, 3.649
Yxy	8.4984, 0.4605, 0.2722
Android (android.graphics.Color)	4287834703 (0xFF932A4F)
YUV	77.6130, 0.6838, 60.8524
Hunter-Lab	29.1520, 37.0119, 3.4303

Details

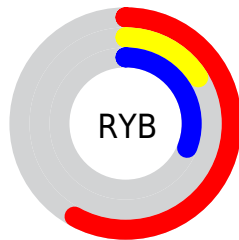
The CIELCh color **35, 46.671, 3.649** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **55, 40.268, 164.005**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 46.515, 3.822**, and **17, 39.824, 9.111** is the 20% darker color. If you saturate the color by 10%, you get **33, 51.162, 6.974**, and if you desaturate by 10%, it is **38, 41.124, 1.016**.

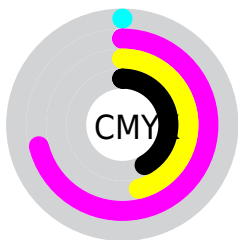
Distribution



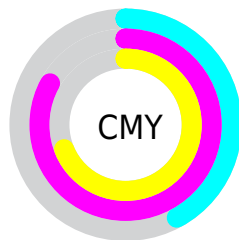
- Red (58%)
- Green (16%)
- Blue (31%)



- Red (58%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (71%)
- Yellow (46%)
- Black (42%)



- Cyan (42%)
- Magenta (83%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 46.671, 3.649 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, 46.671, 3.649 by changing the saturation by 10% instead.

 35, 46.671, 3.649  35, 46.671, 3.649

 100, 46.671, 3.649  25, 46.671, 3.649

 55, 46.671, 3.649  15, 46.671, 3.649


 65, 46.671, 3.649  5, 46.671, 3.649

 75, 46.671, 3.649  0, 46.671, 3.649

 85, 46.671, 3.649

 95, 46.671, 3.649

 35, 46.671, 3.649  35, 46.671, 3.649

 33, 51.162, 6.974  38, 41.124, 1.016

 31, 54.472, 11.137  41, 34.815,

■ 31, 56.864, 15.235

358.908

■ 44, 28.053,
357.189

■ 48, 21.106,
355.758

■ 52, 14.170,
354.537

■ 56, 7.373, 353.463

■ 61, 0.790, 352.126

■ 65, 5.544, 171.835

■ 69, 11.618,
171.061

Harmonies

Complementary

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



35, 46.671, 3.649



55, 40.268, 164.005

Rectangle

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



35, 46.671, 3.649



35, 46.671, 53.649



35, 46.671, 183.649



35, 46.671, 233.649

Sweetspot

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



35, 46.668, 3.651



67, 17.345, 354.560



32, 65.467, 316.241



34, 11.874, 354.849



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



35, 46.668, 3.651



42, 64.383, 9.155



37, 46.951, 37.045



29, 3.710, 353.257



28, 54.046, 14.864



1, 3.194, 352.479

Inverse Universe

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



35, 46.668, 3.651



42, 64.383, 9.155



51, 26.363, 215.320



29, 3.710, 353.257



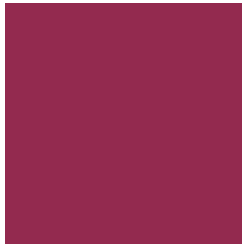
28, 54.046, 14.864



1, 3.194, 352.479

Previews

White Background



This preview shows how the CIE LCh color 35, 46.671, 3.649 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, 46.671, 3.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

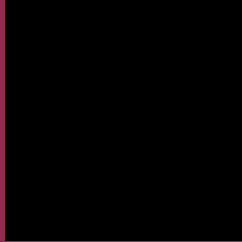
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 46.671, 3.649

Background



This preview shows how black text looks on a background with the CIELCh color 35, 46.671, 3.649.

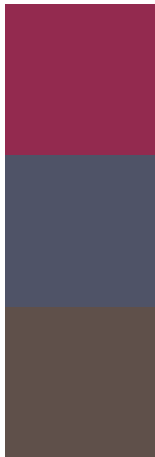


This preview shows how white text looks on a background with the CIELCh color 35, 46.671, 3.649.

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, 46.671, 3.649

Protanopia

36, 12.504, 285.156

Deuteranopia

35, 7.790, 48.616



Tritanopia
35, 45.918, 26.701

Trichromacy



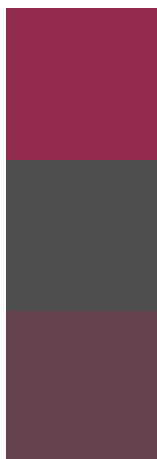
Original Color
35, 46.671, 3.649

Protanomaly
34, 21.964, 335.710

Deuteranomaly
34, 22.336, 7.574

Tritanomaly
35, 45.325, 18.497

Monochromacy



Original Color
35, 46.671, 3.649

Achromatopsia
33, 0.005, 296.813

Achromatomaly
32, 18.580, 357.002

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 46.671, 3.649 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(147, 42, 79)` looks like.

```
.text, #text, p{  
    color:rgb(147, 42, 79)  
}
```

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(147, 42, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 42, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 46.671, 3.649 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(147, 42, 79) }
```

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

```
.border{ border-color:rgb(147, 42, 79) }
```

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

Here you see how a box with a 4 pixel rgb(147, 42, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 42, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 42, 79);  
box-shadow:4px 4px 4px 4px rgb(147, 42,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 46.671, 3.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 42, 79) }
```

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

```
.background{ background-color: rgb(147, 42,  
79) }
```

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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