

Converting Colors

CIELCh(35, 72.123, 332.623)

Have a look what the booklet for
CIELCh(35, 72.123, 332.623)
contains.

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Color

CIELCh(35, 71.977, 332.850)

Conversions

Conversions Part 1

Format	Color
Hex	980388
RGB	152, 3, 136
RGB Percent	60%, 1%, 53%
CMY	0.4044, 0.9893, 0.4671
CMYK	0.00, 0.98, 0.11, 0.40
HSL	306°, 96%, 30%
HSV	306°, 98%, 60%
XYZ	17.3942, 8.4984, 23.9778
YIQ	62.7130, 46.1110, 72.9510

Conversions

Conversions Part 2

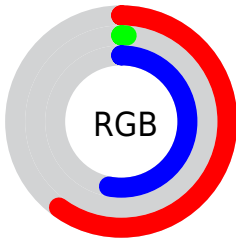
Format	Color
R_{YB}	152, 3, 136
Decimal	9962376
CIE _{Lab}	35.00, 64.05, -32.84
CIE _{LCh}	35, 71.977, 332.850
Y _{xy}	8.4984, 0.3488, 0.1704
Android (android.graphics.Color)	4288152456 (0xFF980388)
YUV	62.7130, 36.1305, 78.3047
Hunter-Lab	29.1520, 55.4901, -28.3601

Details

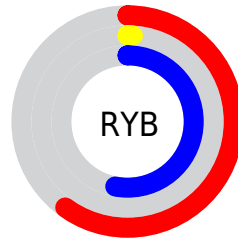
The CIELCh color **35, 71.977, 332.850** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **55, 78.566, 137.311**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 72.037, 332.839**, and **21, 52.346, 332.552** is the 20% darker color. If you saturate the color by 10%, you get **35, 72.267, 332.939**, and if you desaturate by 10%, it is **36, 70.145, 332.352**.

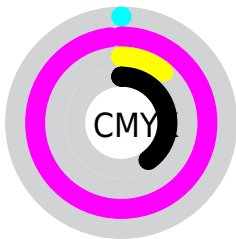
Distribution



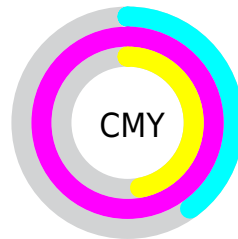
- Red (60%)
- Green (1%)
- Blue (53%)



- Red (60%)
- Yellow (1%)
- Blue (53%)



- Cyan (0%)
- Magenta (98%)
- Yellow (11%)
- Black (40%)





- Cyan (40%)
- Magenta (99%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 71.977, 332.850 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, 71.977, 332.850 by changing the saturation by 10% instead.


 35, 71.977,
332.850


 35, 71.977,
332.850

 100, 71.977,
332.850


 25, 71.977,
332.850

 55, 71.977,
332.850


 15, 71.977,
332.850


 65, 71.977,
332.850

 5, 71.977, 332.850

 75, 71.977,
332.850

 0, 71.977, 332.850

 85, 71.977,
332.850

 95, 71.977,
332.850

■ 35, 71.977,
332.850

■ 35, 71.977,
332.850

■ 35, 72.267,
332.939

■ 36, 70.145,
332.352

■ 37, 66.629,
331.852

■ 39, 61.251,
331.339

■ 42, 54.273,
330.805

■ 45, 46.069,
330.250

■ 48, 37.029,
329.680

■ 52, 27.495,
329.099

■ 55, 17.737,

328.515

■ 59, 7.952, 327.926

Harmonies

Complementary

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



35, 71.977, 332.850



55, 78.566, 137.311

Rectangle

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



35, 71.977, 332.850



35, 71.977, 22.850



35, 71.977, 152.850



35, 71.977, 202.850

Sweetspot

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



35, 71.975, 332.850



65, 34.847, 329.179



18, 89.330, 306.503



32, 24.057, 329.408



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



35, 71.975, 332.850



45, 87.242, 333.042



32, 57.096, 10.009



30, 5.519, 327.988



32, 68.221, 332.902



1, 5.886, 327.828

Inverse Universe

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



35, 71.975, 332.850



45, 87.242, 333.042



55, 53.243, 155.522



30, 5.519, 327.988



32, 68.221, 332.902



1, 5.886, 327.828

Previews

White Background



This preview shows how the CIELCh color 35, 71.977, 332.850 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, 71.977, 332.850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

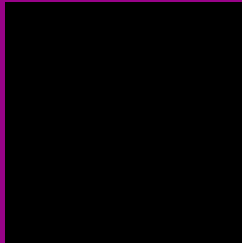
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 71.977, 332.850

Background



This preview shows how black text looks on a background with the CIELCh color 35, 71.977, 332.850.

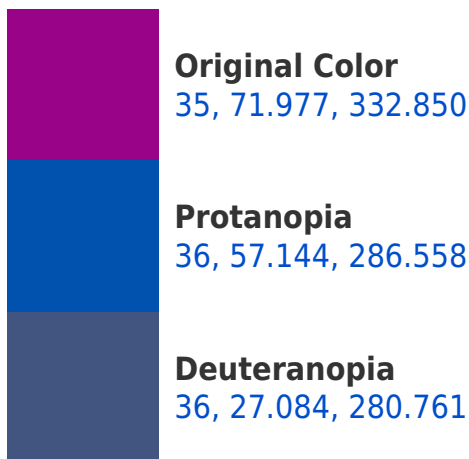


This preview shows how white text looks on a background with the CIELCh color 35, 71.977, 332.850.

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





Tritanopia
36, 42.762, 24.830

Trichromacy



Original Color
35, 71.977, 332.850



Protanomaly
29, 67.459, 301.164



Deuteranomaly
32, 49.252, 313.481



Tritanomaly
34, 49.949, 357.028

Monochromacy



Original Color
35, 71.977, 332.850



Achromatopsia
27, 0.004, 296.813



Achromatomaly
26, 36.837, 330.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 71.977, 332.850 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(152, 3, 136)` looks like.

```
.text, #text, p{  
    color:rgb(152, 3, 136)  
}
```

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(152, 3, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 3, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 71.977, 332.850 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(152, 3, 136) }
```

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

```
.border{ border-color:rgb(152, 3, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 3, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 3, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 3, 136);  
box-shadow:4px 4px 4px 4px rgb(152, 3,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 71.977, 332.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 3, 136) }
```

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

```
.background{ background-color: rgb(152, 3,  
136) }
```

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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