

Converting Colors

CIELCh(35, 73.055, 332.590)

Have a look what the booklet for
CIELCh(35, 73.055, 332.590)
contains.

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Color

CIELCh(35, 72.782, 332.524)

Conversions

Conversions Part 1

Format	Color
Hex	980089
RGB	152, 0, 137
RGB Percent	60%, 0%, 54%
CMY	0.4035, 0.9990, 0.4624
CMYK	0.00, 1.00, 0.10, 0.40
HSL	306°, 100%, 30%
HSV	306°, 100%, 60%
XYZ	17.4911, 8.4984, 24.4184
YIQ	61.0660, 46.6150, 74.8310

Conversions

Conversions Part 2

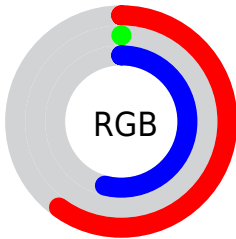
Format	Color
R_{YB}	152, 0, 137
Decimal	9961609
CIE _{Lab}	35.00, 64.57, -33.58
CIE _{LCh}	35, 72.782, 332.524
Y _{xy}	8.4984, 0.3470, 0.1686
Android (android.graphics.Color)	4288151689 (0xFF980089)
Y _{UV}	61.0660, 37.4355, 79.7491
Hunter-Lab	29.1520, 56.0835, -29.2562

Details

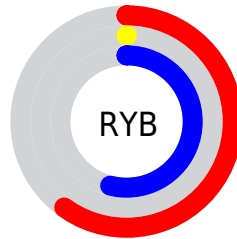
The CIELCh color **35, 72.782, 332.524** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **55, 79.360, 137.073**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 72.875, 332.527**, and **21, 52.346, 332.552** is the 20% darker color. If you saturate the color by 10%, you get **35, 72.807, 332.532**, and if you desaturate by 10%, it is **36, 71.041, 332.064**.

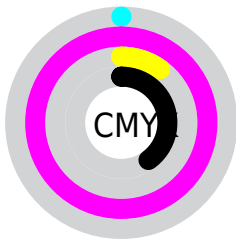
Distribution



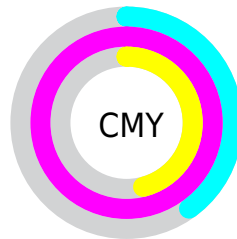
- Red (60%)
- Green (0%)
- Blue (54%)



- Red (60%)
- Yellow (0%)
- Blue (54%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (40%)





- Cyan (40%)
- Magenta (100%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 72.782, 332.524 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, 72.782, 332.524 by changing the saturation by 10% instead.


 35, 72.782,
332.524


 35, 72.782,
332.524

 100, 72.782,
332.524


 25, 72.782,
332.524

 55, 72.782,
332.524

 15, 72.782,
332.524


 65, 72.782,
332.524

 5, 72.782, 332.524

 75, 72.782,
332.524

 0, 72.782, 332.524

 85, 72.782,
332.524

 95, 72.782,
332.524

■ 35, 72.782,
332.524

■ 35, 72.782,
332.524

■ 35, 72.807,
332.532

■ 36, 71.041,
332.064

■ 37, 67.802,
331.596

■ 39, 62.673,
331.109

■ 41, 55.886,
330.597

■ 44, 47.804,
330.059

■ 47, 38.817,
329.500

■ 51, 29.280,
328.928

■ 55, 19.478,

328.349

■ 59, 9.619, 327.766

Harmonies

Complementary

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



35, 72.782, 332.524



55, 79.360, 137.073

Rectangle

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



35, 72.782, 332.524



35, 72.782, 22.524



35, 72.782, 152.524



35, 72.782, 202.524

Sweetspot

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



35, 72.780, 332.524



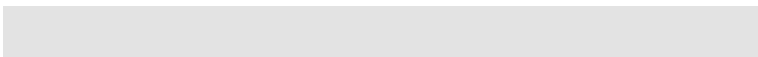
65, 36.624, 328.972



17, 90.439, 306.586



32, 24.871, 329.193



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, 72.780, 332.524



46, 88.663, 332.628



32, 57.439, 9.135



30, 5.551, 327.730



32, 68.659, 332.498



1, 5.923, 327.552

Inverse Universe

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



35, 72.780, 332.524



46, 88.663, 332.628



55, 54.853, 154.159



30, 5.551, 327.730



32, 68.659, 332.498



1, 5.923, 327.552

Previews

White Background



This preview shows how the CIELCh color 35, 72.782, 332.524 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, 72.782, 332.524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

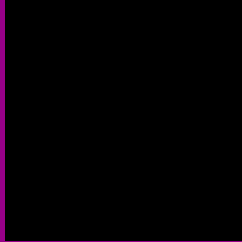
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 72.782, 332.524

Background



This preview shows how black text looks on a background with the CIELCh color 35, 72.782, 332.524.

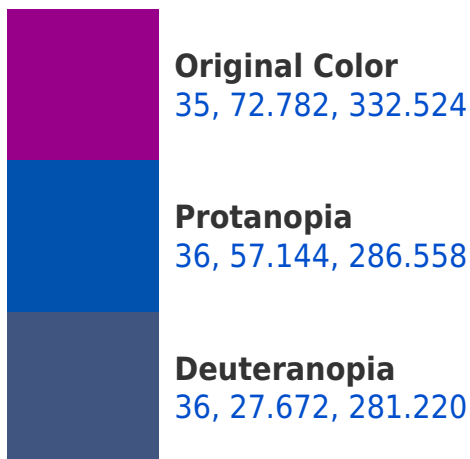


This preview shows how white text looks on a background with the CIELCh color 35, 72.782, 332.524.

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, 42.428, 25.390

Trichromacy



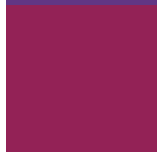
Original Color
35, 72.782, 332.524



Protanomaly
29, 68.675, 301.491



Deuteranomaly
31, 50.449, 313.483



Tritanomaly
34, 50.297, 356.846

Monochromacy



Original Color
35, 72.782, 332.524



Achromatopsia
26, 0.004, 296.813



Achromatomaly
25, 37.480, 330.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 72.782, 332.524 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, 0, 137)` looks like.

```
.text, #text, p{  
    color:rgb(152, 0, 137)  
}
```

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, 0, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 0, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 72.782, 332.524 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, 0, 137) }
```

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

```
.border{ border-color:rgb(152, 0, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 0, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 0, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 0, 137);  
box-shadow:4px 4px 4px 4px rgb(152, 0,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 72.782, 332.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 0, 137) }
```

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

```
.background{ background-color: rgb(152, 0,  
137) }
```

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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