

Converting Colors

CIELCh(35, 79.094, 326.578)

Have a look what the booklet for
CIELCh(35, 79.094, 326.578)
contains.

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Color

CIELCh(35, 78.931, 326.704)

Conversions

Conversions Part 1

Format	Color
Hex	930199
RGB	147, 1, 153
RGB Percent	58%, 0%, 60%
CMY	0.4241, 0.9975, 0.4006
CMYK	0.04, 1.00, 0.00, 0.40
HSL	298°, 99%, 30%
HSV	298°, 100%, 60%
XYZ	17.7510, 8.4984, 30.7809
YIQ	61.9820, 38.2240, 78.2240

Conversions

Conversions Part 2

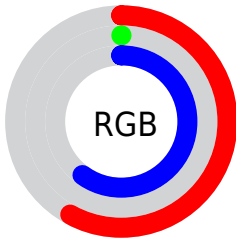
Format	Color
RYB	147, 1, 153
Decimal	9634201
CIELab	35.00, 65.97, -43.33
CIElCh	35, 78.931, 326.704
Yxy	8.4984, 0.3113, 0.1490
Android (android.graphics.Color)	4287824281 (0xFF930199)
YUV	61.9820, 44.8719, 74.5608
Hunter-Lab	29.1520, 57.6748, -42.1964

Details

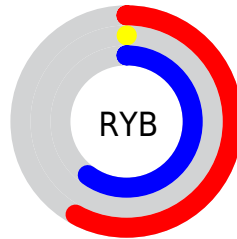
The CIELCh color $[35, 78.931, 326.704]$ is a dark color, and the websafe version is hex 990099 . A complement of this color would be $[55, 81.406, 135.833]$, and the grayscale version is $[26, 0.004, 296.813]$.

A 20% lighter version of the original color is $[55, 79.092, 326.807]$, and $[21, 58.923, 324.600]$ is the 20% darker color. If you saturate the color by 10%, you get $[35, 79.025, 326.704]$, and if you desaturate by 10%, it is $[36, 76.577, 326.714]$.

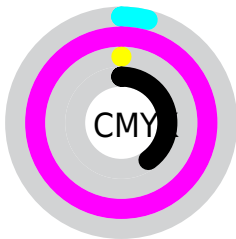
Distribution



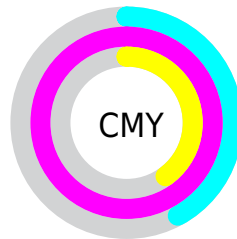
- Red (58%)
- Green (0%)
- Blue (60%)



- Red (58%)
- Yellow (0%)
- Blue (60%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)





- Cyan (42%)
- Magenta (100%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 78.931, 326.704 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, 78.931, 326.704 by changing the saturation by 10% instead.


 35, 78.931,
326.704


 35, 78.931,
326.704

 100, 78.931,
326.704


 25, 78.931,
326.704

 55, 78.931,
326.704


 15, 78.931,
326.704


 65, 78.931,
326.704

 5, 78.931, 326.704

 75, 78.931,
326.704

 0, 78.931, 326.704

 85, 78.931,
326.704

 95, 78.931,
326.704

■ 35, 78.931,
326.704

■ 35, 78.931,
326.704

■ 35, 79.025,
326.704

■ 36, 76.577,
326.714

■ 37, 72.671,
326.635

■ 39, 66.864,
326.445

■ 41, 59.400,
326.155

■ 44, 50.649,
325.784

■ 48, 41.008,
325.351

■ 51, 30.832,
324.874

■ 55, 20.404,

324.372

■ 59, 9.935, 323.852

Harmonies

Complementary

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



35, 78.931, 326.704



55, 81.406, 135.833

Rectangle

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



35, 78.931, 326.704



35, 78.931, 16.704



35, 78.931, 146.704



35, 78.931, 196.704

Sweetspot

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



35, 78.929, 326.704



65, 38.748, 324.924



18, 88.654, 305.490



32, 26.321, 325.110



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, 78.929, 326.704



46, 96.036, 326.673



33, 58.593, 356.611



30, 5.868, 323.834



32, 74.210, 326.715



1, 6.296, 323.246

Inverse Universe

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



31, 69.211, 37.821



41, 85.057, 38.556



55, 63.215, 147.214



30, 3.440, 16.697



28, 64.801, 37.470



1, 3.604, 16.177

Previews

White Background



This preview shows how the CIELCh color 35, 78.931, 326.704 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, 78.931, 326.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

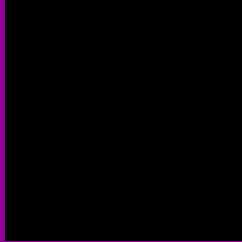
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 78.931, 326.704

Background



This preview shows how black text looks on a background with the CIELCh color 35, 78.931, 326.704.



This preview shows how white text looks on a background with the CIELCh color 35, 78.931, 326.704.

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, 78.931, 326.704

Protanopia

36, 57.144, 286.558

Deuteranopia

36, 36.783, 278.556



Tritanopia
36, 35.978, 22.388

Trichromacy



Original Color
35, 78.931, 326.704



Protanomaly
29, 71.563, 301.424



Deuteranomaly
31, 58.131, 306.166



Tritanomaly
34, 49.213, 348.596

Monochromacy



Original Color
35, 78.931, 326.704



Achromatopsia
26, 0.004, 296.813



Achromatomaly
26, 39.569, 326.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 78.931, 326.704 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, 1, 153)` looks like.

```
.text, #text, p{  
    color:rgb(147, 1, 153)  
}
```

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, 1, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 1, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 78.931, 326.704 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, 1, 153) }
```

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

```
.border{ border-color:rgb(147, 1, 153) }
```

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

Here you see how a box with a 4 pixel rgb(147, 1, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 1, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 1, 153);  
box-shadow:4px 4px 4px 4px rgb(147, 1,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 78.931, 326.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 1, 153) }
```

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

```
.background{ background-color: rgb(147, 1,  
153) }
```

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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