

Converting Colors

CIELCh(34, 67.338, 326.075)

Have a look what the booklet for
CIELCh(34, 67.338, 326.075)
contains.

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Color

CIELCh(34, 67.468, 326.103)

Conversions

Conversions Part 1

Format	Color
Hex	871F8D
RGB	135, 31, 141
RGB Percent	53%, 12%, 55%
CMY	0.4716, 0.8797, 0.4480
CMYK	0.04, 0.78, 0.00, 0.45
HSL	297°, 64%, 34%
HSV	297°, 78%, 55%
XYZ	15.2204, 8.0082, 25.8457
YIQ	74.6360, 26.6740, 56.2580

Conversions

Conversions Part 2

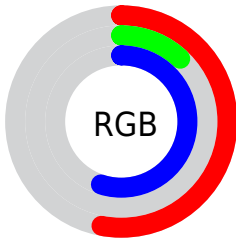
Format	Color
RYB	135, 31, 141
Decimal	8855437
CIELab	34.00, 56.00, -37.63
CIElCh	34, 67.468, 326.103
Yxy	8.0082, 0.3102, 0.1632
Android (android.graphics.Color)	4287045517 (0xFF871F8D)
YUV	74.6360, 32.7175, 52.9392
Hunter-Lab	28.2988, 46.4827, -34.3413

Details

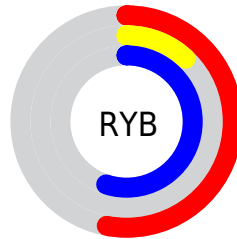
The CIELCh color **34, 67.468, 326.103** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **51, 68.503, 136.835**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 67.434, 326.091**, and **18, 54.368, 324.618** is the 20% darker color. If you saturate the color by 10%, you get **33, 71.528, 326.175**, and if you desaturate by 10%, it is **36, 61.671, 325.916**.

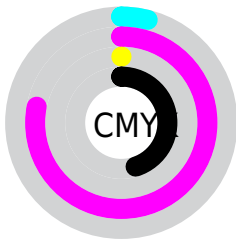
Distribution



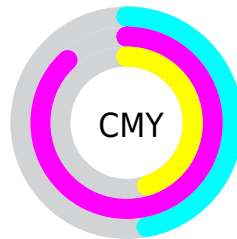
- Red (53%)
- Green (12%)
- Blue (55%)



- Red (53%)
- Yellow (12%)
- Blue (55%)



- Cyan (4%)
- Magenta (78%)
- Yellow (0%)
- Black (45%)





- Cyan (47%)
- Magenta (88%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 67.468, 326.103 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 34, 67.468, 326.103 by changing the saturation by 10% instead.


 34, 67.468,
326.103


 34, 67.468,
326.103

 100, 67.468,
326.103


 24, 67.468,
326.103

 54, 67.468,
326.103


 14, 67.468,
326.103


 64, 67.468,
326.103

 4, 67.468, 326.103

 74, 67.468,
326.103

 0, 67.468, 326.103

 84, 67.468,
326.103

 94, 67.468,
326.103

■ 34, 67.468,
326.103

■ 34, 67.468,
326.103

■ 33, 71.528,
326.175

■ 36, 61.671,
325.916

■ 32, 74.046,
326.144

■ 38, 54.410,
325.627

■ 32, 74.474,
326.138

■ 41, 46.040,
325.257

■ 44, 36.925,
324.828

■ 48, 27.378,
324.359

■ 52, 17.646,
323.865

■ 55, 7.909, 323.355

■ 59, 1.714, 142.997

■ 63, 11.144,
142.422

Harmonies

Complementary

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



34, 67.468, 326.103



51, 68.503, 136.835

Rectangle

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



34, 67.468, 326.103



34, 67.468, 16.103



34, 67.468, 146.103



34, 67.468, 196.103

Sweetspot

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



34, 67.466, 326.103



64, 27.739, 324.129



22, 66.893, 301.120



32, 19.134, 324.286



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



34, 67.466, 326.103



42, 89.303, 326.146



33, 51.247, 349.373



28, 5.514, 323.407



30, 72.309, 326.146



1, 3.702, 322.970

Inverse Universe

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



31, 52.177, 28.945



39, 76.127, 35.953



52, 51.158, 150.895



28, 3.250, 15.462



27, 62.413, 36.603



0, 2.130, 14.868

Previews

White Background



This preview shows how the CIELCh color 34, 67.468, 326.103 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 34, 67.468, 326.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

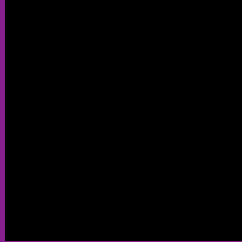
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 67.468, 326.103

Background



This preview shows how black text looks on a background with the CIELCh color 34, 67.468, 326.103.



This preview shows how white text looks on a background with the CIELCh color 34, 67.468, 326.103.

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

34, 67.468, 326.103

Deuteranopia

35, 32.580, 278.719

Tritanopia

34, 30.443, 20.563

Trichromacy



Original Color
34, 67.468, 326.103

Deuteranomaly
32, 46.360, 303.883

Tritanomaly
33, 39.856, 347.681

Monochromacy



Original Color
34, 67.468, 326.103

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 29.311, 325.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 67.468, 326.103 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(135, 31, 141)` looks like.

```
.text, #text, p{  
    color:rgb(135, 31, 141)  
}
```

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(135, 31, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 31, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 67.468, 326.103 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(135, 31, 141) }
```

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

```
.border{ border-color:rgb(135, 31, 141) }
```

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

Here you see how a box with a 4 pixel rgb(135, 31, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 31, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 31, 141);  
box-shadow:4px 4px 4px 4px rgb(135, 31,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 67.468, 326.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 31, 141) }
```

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

```
.background{ background-color: rgb(135, 31,  
141) }
```

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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