

Converting Colors

CIELCh(34, 68.146, 331.449)

Have a look what the booklet for
CIELCh(34, 68.146, 331.449)
contains.

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Color

CIELCh(34, 68.146, 331.449)

Conversions

Conversions Part 1

Format	Color
Hex	901285
RGB	144, 18, 133
RGB Percent	56%, 7%, 52%
CMY	0.4364, 0.9313, 0.4794
CMYK	0.00, 0.88, 0.08, 0.44
HSL	305°, 78%, 32%
HSV	305°, 88%, 56%
XYZ	15.8784, 8.0082, 22.8067
YIQ	68.7840, 38.1810, 62.4770

Conversions

Conversions Part 2

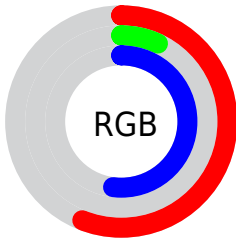
Format	Color
R_{YB}	144, 18, 133
Decimal	9441925
CIE _{Lab}	34.00, 59.86, -32.57
CIE _{LCh}	34, 68.146, 331.449
Yxy	8.0082, 0.3401, 0.1715
Android (android.graphics.Color)	4287632005 (0xFF901285)
YUV	68.7840, 31.6585, 65.9644
Hunter-Lab	28.2988, 50.6332, -27.9742

Details

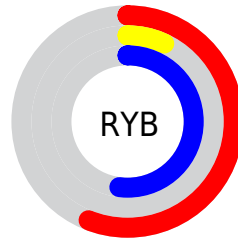
The CIELCh color **34, 68.146, 331.449** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **52, 72.143, 138.107**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 68.388, 331.305**, and **19, 51.052, 330.893** is the 20% darker color. If you saturate the color by 10%, you get **33, 70.129, 331.859**, and if you desaturate by 10%, it is **35, 64.551, 331.019**.

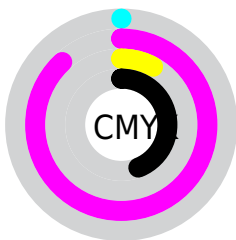
Distribution



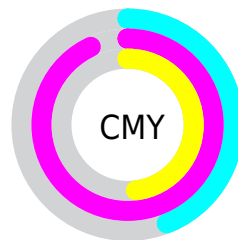
- Red (56%)
- Green (7%)
- Blue (52%)



- Red (56%)
- Yellow (7%)
- Blue (52%)



- Cyan (0%)
- Magenta (88%)
- Yellow (8%)
- Black (44%)



- Cyan (44%)
- Magenta (93%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 68.146, 331.449 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, 68.146, 331.449 by changing the saturation by 10% instead.

 34, 68.146,
331.449

 34, 68.146,
331.449

 100, 68.146,
331.449

 24, 68.146,
331.449

 54, 68.146,
331.449

 14, 68.146,
331.449

 64, 68.146,
331.449

 4, 68.146, 331.449

 74, 68.146,
331.449

 0, 68.146, 331.449

 84, 68.146,
331.449

 94, 68.146,
331.449

■ 34, 68.146,
331.449

■ 34, 68.146,
331.449

■ 33, 70.129,
331.859

■ 35, 64.551,
331.019

■ 33, 70.520,
331.948

■ 37, 59.196,
330.559

■ 40, 52.336,
330.066

■ 42, 44.326,
329.542

■ 46, 35.534,
328.995

■ 49, 26.280,
328.433

■ 53, 16.819,
327.863

■ 57, 7.338, 327.285

Harmonies

Complementary

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



34, 68.146, 331.449



52, 72.143, 138.107

Rectangle

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



34, 68.146, 331.449



34, 68.146, 21.449



34, 68.146, 151.449



34, 68.146, 201.449

Sweetspot

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



34, 68.144, 331.449



63, 30.353, 328.361



19, 79.860, 305.423



32, 20.723, 328.536



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



34, 68.144, 331.449



43, 85.204, 332.032



31, 52.478, 3.879



28, 5.284, 327.366



31, 67.461, 331.925



1, 3.549, 326.880

Inverse Universe

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



34, 68.144, 331.449



43, 85.204, 332.032



53, 48.628, 156.787



28, 5.284, 327.366



31, 67.461, 331.925



1, 3.549, 326.880

Previews

White Background



This preview shows how the CIELCh color 34, 68.146, 331.449 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, 68.146, 331.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

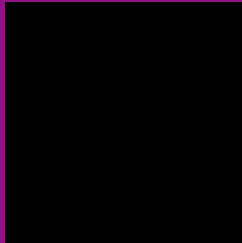
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 68.146, 331.449

Background



This preview shows how black text looks on a background with the CIELCh color 34, 68.146, 331.449.



This preview shows how white text looks on a background with the CIELCh color 34, 68.146, 331.449.

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, 68.146, 331.449

Protanopia

35, 55.065, 286.249

Deuteranopia

35, 27.283, 280.435



Tritanopia
34, 38.849, 24.492

Trichromacy



Original Color
34, 68.146, 331.449



Protanomaly
29, 62.005, 299.113



Deuteranomaly
32, 44.674, 310.600



Tritanomaly
33, 45.257, 355.965

Monochromacy



Original Color
34, 68.146, 331.449



Achromatopsia
29, 0.005, 296.813



Achromatomaly
28, 32.002, 329.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 68.146, 331.449 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(144, 18, 133)` looks like.

```
.text, #text, p{  
    color:rgb(144, 18, 133)  
}
```

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(144, 18, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 18, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 68.146, 331.449 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(144, 18, 133) }
```

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

```
.border{ border-color:rgb(144, 18, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 18, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 18, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 18, 133);  
box-shadow:4px 4px 4px 4px rgb(144, 18,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 68.146, 331.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 18, 133) }
```

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

```
.background{ background-color: rgb(144, 18,  
133) }
```

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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