

Converting Colors

CIELCh(34, 79.327, 325.049)

Have a look what the booklet for
CIELCh(34, 79.327, 325.049)
contains.

CIELCh(34, 79.565, 324.980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(34, 79.565, 324.980)

Conversions

Conversions Part 1

Format	Color
Hex	8D019A
RGB	141, 1, 154
RGB Percent	55%, 0%, 60%
CMY	0.4473, 0.9966, 0.3963
CMYK	0.08, 0.99, 0.00, 0.40
HSL	295°, 99%, 30%
HSV	295°, 99%, 60%
XYZ	16.8132, 8.0082, 31.2084
YIQ	60.3020, 34.3270, 77.2630

Conversions

Conversions Part 2

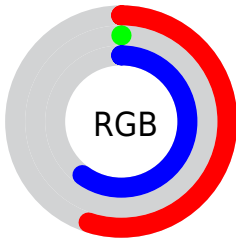
Format	Color
RYB	141, 1, 154
Decimal	9240986
CIELab	34.00, 65.16, -45.66
CIElCh	34, 79.565, 324.980
Yxy	8.0082, 0.3001, 0.1429
Android (android.graphics.Color)	4287431066 (0xFF8D019A)
YUV	60.3020, 46.1931, 70.7721
Hunter-Lab	28.2988, 56.5293, -45.5768

Details

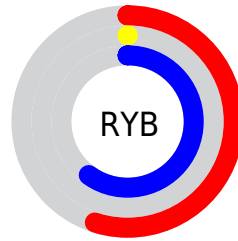
The CIELCh color **34, 79.565, 324.980** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **55, 81.518, 135.593**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 79.540, 324.931**, and **20, 59.681, 322.556** is the 20% darker color. If you saturate the color by 10%, you get **34, 79.700, 324.973**, and if you desaturate by 10%, it is **35, 77.063, 325.105**.

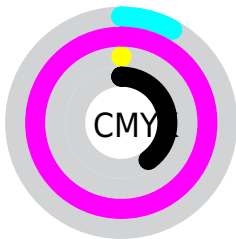
Distribution



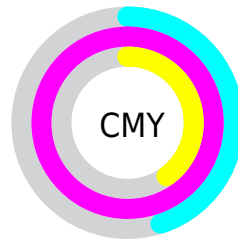
- Red (55%)
- Green (0%)
- Blue (60%)



- Red (55%)
- Yellow (0%)
- Blue (60%)



- Cyan (8%)
- Magenta (99%)
- Yellow (0%)
- Black (40%)





- Cyan (45%)
- Magenta (100%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 79.565, 324.980 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, 79.565, 324.980 by changing the saturation by 10% instead.


 34, 79.565,
324.980


 34, 79.565,
324.980

 100, 79.565,
324.980


 24, 79.565,
324.980

 54, 79.565,
324.980


 14, 79.565,
324.980


 64, 79.565,
324.980

 4, 79.565, 324.980

 74, 79.565,
324.980

 0, 79.565, 324.980

 84, 79.565,
324.980

 94, 79.565,
324.980

■ 34, 79.565,
324.980

■ 34, 79.565,
324.980

■ 34, 79.700,
324.973

■ 35, 77.063,
325.105

■ 36, 72.950,
325.114

■ 39, 66.923,
324.987

■ 41, 59.270,
324.741

■ 44, 50.388,
324.402

■ 48, 40.681,
323.995

■ 51, 30.496,
323.543

■ 55, 20.106,

323.065

■ 60, 9.705, 322.570

Harmonies

Complementary

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



34, 79.565, 324.980



55, 81.518, 135.593

Rectangle

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



34, 79.565, 324.980



34, 79.565, 14.980



34, 79.565, 144.980



34, 79.565, 194.980

Sweetspot

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



34, 79.563, 324.980



65, 38.299, 323.597



19, 86.455, 304.643



32, 26.031, 323.773



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



34, 79.563, 324.980



44, 96.363, 324.912



33, 60.041, 352.268



30, 5.787, 322.560



31, 74.453, 324.999



1, 6.198, 321.870

Inverse Universe

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



32, 67.834, 35.784



41, 83.184, 36.794



56, 66.487, 145.098



30, 3.455, 13.030



28, 63.331, 35.540



1, 3.628, 12.492

Previews

White Background



This preview shows how the CIELCh color 34, 79.565, 324.980 looks on a white background.

Color Contrast Check

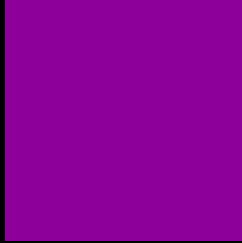
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 34, 79.565, 324.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

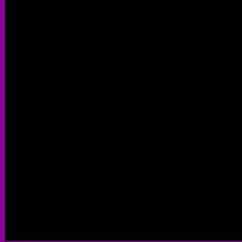
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 79.565, 324.980

Background



This preview shows how black text looks on a background with the CIELCh color 34, 79.565, 324.980.



This preview shows how white text looks on a background with the CIELCh color 34, 79.565, 324.980.

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, 79.565, 324.980

Protanopia

35, 55.569, 286.264

Deuteranopia

35, 38.991, 277.724



Tritanopia
35, 32.681, 20.353

Trichromacy



Original Color
34, 79.565, 324.980

Protanomaly
29, 71.134, 301.324

Deuteranomaly
30, 59.504, 303.796

Tritanomaly
33, 47.547, 345.183

Monochromacy



Original Color
34, 79.565, 324.980

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 39.269, 324.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 79.565, 324.980 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(141, 1, 154)` looks like.

```
.text, #text, p{  
    color:rgb(141, 1, 154)  
}
```

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(141, 1, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 1, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 79.565, 324.980 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(141, 1, 154) }
```

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

```
.border{ border-color:rgb(141, 1, 154) }
```

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

Here you see how a box with a 4 pixel rgb(141, 1, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 1, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 1, 154);  
box-shadow:4px 4px 4px 4px rgb(141, 1,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 79.565, 324.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 1, 154) }
```

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

```
.background{ background-color: rgb(141, 1,  
154) }
```

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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