

Converting Colors

CIELCh(34, 71.114, 323.165)

Have a look what the booklet for
CIELCh(34, 71.114, 323.165)
contains.

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Color

CIELCh(34, 71.345, 323.204)

Conversions

Conversions Part 1

Format	Color
Hex	841E95
RGB	132, 30, 149
RGB Percent	52%, 12%, 58%
CMY	0.4823, 0.8822, 0.4156
CMYK	0.11, 0.80, 0.00, 0.42
HSL	291°, 66%, 35%
HSV	291°, 80%, 58%
XYZ	15.4112, 8.0082, 29.1767
YIQ	74.0640, 22.5930, 58.6330

Conversions

Conversions Part 2

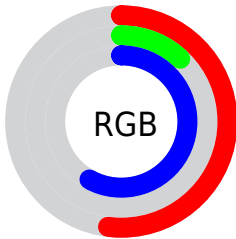
Format	Color
R _{YB}	132, 30, 149
Decimal	8658581
CIE Lab	34.00, 57.13, -42.73
CIE LCh	34, 71.345, 323.204
Yxy	8.0082, 0.2930, 0.1523
Android (android.graphics.Color)	4286848661 (0xFF841E95)
YUV	74.0640, 36.9434, 50.8099
Hunter-Lab	28.2988, 47.6863, -41.3201

Details

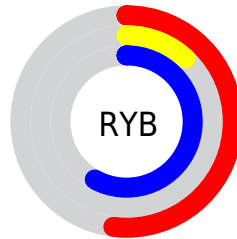
The CIELCh color **34, 71.345, 323.204** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **54, 71.351, 135.416**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **54, 71.657, 323.106**, and **18, 57.883, 321.266** is the 20% darker color. If you saturate the color by 10%, you get **32, 75.544, 323.094**, and if you desaturate by 10%, it is **36, 65.285, 323.145**.

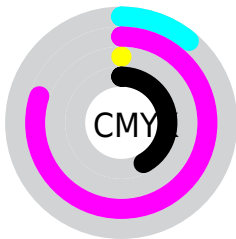
Distribution



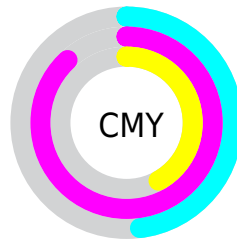
- Red (52%)
- Green (12%)
- Blue (58%)



- Red (52%)
- Yellow (12%)
- Blue (58%)



- Cyan (11%)
- Magenta (80%)
- Yellow (0%)
- Black (42%)





- Cyan (48%)
- Magenta (88%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 71.345, 323.204 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, 71.345, 323.204 by changing the saturation by 10% instead.


 34, 71.345,
323.204

 34, 71.345,
323.204

 100, 71.345,
323.204


 24, 71.345,
323.204

 54, 71.345,
323.204

 14, 71.345,
323.204

 64, 71.345,
323.204

 4, 71.345, 323.204

 74, 71.345,
323.204

 0, 71.345, 323.204

 84, 71.345,
323.204

 94, 71.345,
323.204

■ 34, 71.345,
323.204

■ 34, 71.345,
323.204

■ 32, 75.544,
323.094

■ 36, 65.285,
323.145

■ 31, 78.237,
322.850

■ 39, 57.693,
322.946

■ 31, 78.278,
322.846

■ 42, 48.976,
322.641

■ 46, 39.530,
322.262

■ 49, 29.684,
321.835

■ 53, 19.684,
321.383

■ 58, 9.704, 320.918

■ 62, 0.143, 141.743

Harmonies

Complementary

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



34, 71.345, 323.204



54, 71.351, 135.416

Rectangle

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



34, 71.345, 323.204



34, 71.345, 13.204



34, 71.345, 143.204



34, 71.345, 193.204

Sweetspot

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



34, 71.344, 323.204



66, 29.544, 321.595



25, 65.163, 298.621



33, 20.252, 321.741



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



34, 71.344, 323.204



42, 94.131, 322.872



35, 56.598, 344.310



29, 5.530, 320.887



29, 73.889, 322.882



1, 4.803, 320.489

Inverse Universe

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



33, 53.368, 23.426



41, 76.347, 31.786



54, 58.452, 147.027



29, 3.397, 8.424



28, 60.230, 32.090



1, 2.896, 7.701

Previews

White Background



This preview shows how the CIELCh color 34, 71.345, 323.204 looks on a white background.

Color Contrast Check

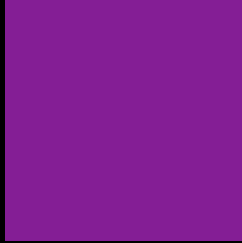
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.345, 323.204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

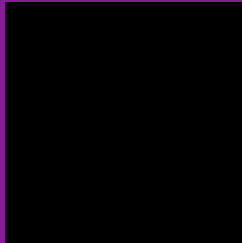
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 71.345, 323.204

Background



This preview shows how black text looks on a background with the CIELCh color 34, 71.345, 323.204.

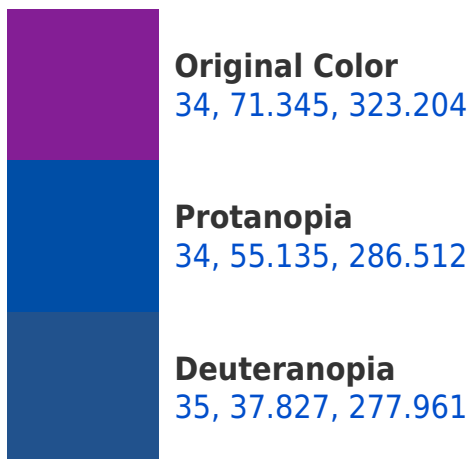


This preview shows how white text looks on a background with the CIELCh color 34, 71.345, 323.204.

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
34, 27.467, 18.149

Trichromacy



Original Color
34, 71.345, 323.204

Protanomaly
31, 62.327, 297.488

Deuteranomaly
31, 51.142, 300.164

Tritanomaly
33, 39.705, 343.390

Monochromacy



Original Color
34, 71.345, 323.204

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 30.695, 322.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 71.345, 323.204 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(132, 30, 149)` looks like.

```
.text, #text, p{  
    color:rgb(132, 30, 149)  
}
```

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(132, 30, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 30, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 71.345, 323.204 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(132, 30, 149) }
```

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

```
.border{ border-color:rgb(132, 30, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 30, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 30, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 30, 149);  
box-shadow:4px 4px 4px 4px rgb(132, 30,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 71.345, 323.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 30, 149) }
```

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

```
.background{ background-color: rgb(132, 30,  
149) }
```

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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