

Converting Colors

CIELCh(34, 65.093, 341.088)

Have a look what the booklet for
CIELCh(34, 65.093, 341.088)
contains.

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Color

CIELCh(34, 65.280, 341.030)

Conversions

Conversions Part 1

Format	Color
Hex	990173
RGB	153, 1, 115
RGB Percent	60%, 0%, 45%
CMY	0.4005, 0.9973, 0.5495
CMYK	0.00, 1.00, 0.25, 0.40
HSL	315°, 99%, 30%
HSV	315°, 100%, 60%
XYZ	16.2051, 8.0082, 16.8740
YIQ	59.4440, 53.9980, 67.6780

Conversions

Conversions Part 2

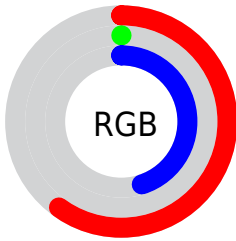
Format	Color
R_{YB}	153, 1, 115
Decimal	10027379
CIE _{Lab}	34.00, 61.73, -21.22
CIE _{LCh}	34, 65.280, 341.030
Yxy	8.0082, 0.3944, 0.1949
Android (android.graphics.Color)	4288217459 (0xFF990173)
YUV	59.4440, 27.3891, 82.0486
Hunter-Lab	28.2988, 52.6938, -15.5443

Details

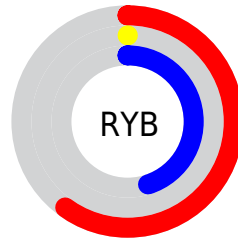
The CIELCh color **34, 65.280, 341.030** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **55, 74.117, 140.081**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 65.359, 341.034**, and **20, 45.745, 344.206** is the 20% darker color. If you saturate the color by 10%, you get **34, 65.329, 341.090**, and if you desaturate by 10%, it is **35, 64.064, 339.706**.

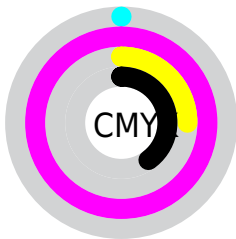
Distribution



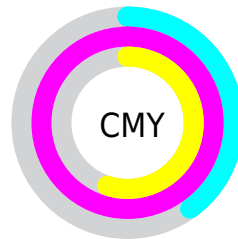
- Red (60%)
- Green (0%)
- Blue (45%)



- Red (60%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (40%)





- Cyan (40%)
- Magenta (100%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 65.280, 341.030 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, 65.280, 341.030 by changing the saturation by 10% instead.


 34, 65.280,
341.030


 34, 65.280,
341.030

 100, 65.280,
341.030


 24, 65.280,
341.030

 54, 65.280,
341.030


 14, 65.280,
341.030


 64, 65.280,
341.030

 4, 65.280, 341.030

 74, 65.280,
341.030

 0, 65.280, 341.030

 84, 65.280,
341.030

 94, 65.280,
341.030

■ 34, 65.280,
341.030

■ 34, 65.280,
341.030

■ 34, 65.329,
341.090

■ 35, 64.064,
339.706

■ 36, 61.326,
338.540

■ 38, 56.731,
337.527

■ 41, 50.544,
336.622

■ 44, 43.146,
335.791

■ 47, 34.932,
335.014

■ 51, 26.244,
334.279

■ 55, 17.345,

333.578

■ 59, 8.426, 332.899

Harmonies

Complementary

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



34, 65.280, 341.030



55, 74.117, 140.081

Rectangle

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



34, 65.280, 341.030



34, 65.280, 31.030



34, 65.280, 161.030



34, 65.280, 211.030

Sweetspot

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



34, 65.277, 341.030



65, 33.014, 334.355



19, 89.161, 307.653



32, 22.431, 334.635



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, 65.277, 341.030



45, 79.117, 341.418



32, 60.357, 22.917



30, 4.990, 332.877



31, 61.429, 340.968



1, 5.309, 332.798

Inverse Universe

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



34, 65.277, 341.030



45, 79.117, 341.418



56, 45.884, 165.032



30, 4.990, 332.877



31, 61.429, 340.968



1, 5.309, 332.798

Previews

White Background



This preview shows how the CIELCh color 34, 65.280, 341.030 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, 65.280, 341.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

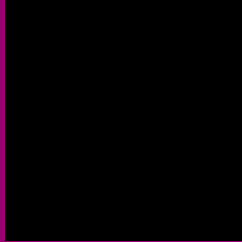
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 65.280, 341.030

Background



This preview shows how black text looks on a background with the CIELCh color 34, 65.280, 341.030.



This preview shows how white text looks on a background with the CIELCh color 34, 65.280, 341.030.

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, 65.280, 341.030

Protanopia

35, 51.747, 286.932

Deuteranopia

35, 16.239, 288.881



Tritanopia
35, 48.852, 27.819

Trichromacy



Original Color
34, 65.280, 341.030

Protanomaly
29, 60.221, 305.662

Deuteranomaly
31, 40.687, 324.423

Tritanomaly
34, 51.647, 6.502

Monochromacy



Original Color
34, 65.280, 341.030

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 33.613, 336.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 65.280, 341.030 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(153, 1, 115)` looks like.

```
.text, #text, p{  
    color:rgb(153, 1, 115)  
}
```

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(153, 1, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 1, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 65.280, 341.030 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(153, 1, 115) }
```

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

```
.border{ border-color:rgb(153, 1, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 1, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 1, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 1, 115);  
box-shadow:4px 4px 4px 4px rgb(153, 1,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 65.280, 341.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 1, 115) }
```

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

```
.background{ background-color: rgb(153, 1,  
115) }
```

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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