

Converting Colors

CIELCh(34, 63.951, 343.297)

Have a look what the booklet for
CIELCh(34, 63.951, 343.297)
contains.

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Color

CIELCh(34, 63.806, 343.612)

Conversions

Conversions Part 1

Format	Color
Hex	9A026E
RGB	154, 2, 110
RGB Percent	60%, 1%, 43%
CMY	0.3968, 0.9938, 0.5693
CMYK	0.00, 0.99, 0.29, 0.40
HSL	317°, 98%, 30%
HSV	317°, 99%, 60%
XYZ	16.1139, 8.0082, 15.4024
YIQ	59.7600, 55.9240, 65.8120

Conversions

Conversions Part 2

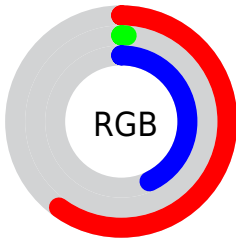
Format	Color
RYB	154, 2, 110
Decimal	10093166
CIELab	34.00, 61.21, -18.00
CIELCh	34, 63.806, 343.612
Yxy	8.0082, 0.4077, 0.2026
Android (android.graphics.Color)	4288283246 (0xFF9A026E)
YUV	59.7600, 24.7683, 82.6485
Hunter-Lab	28.2988, 52.1188, -12.4610

Details

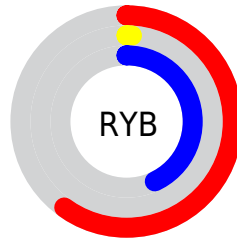
The CIELCh color **34, 63.806, 343.612** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **55, 72.333, 141.277**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 63.636, 343.452**, and **20, 44.560, 348.395** is the 20% darker color. If you saturate the color by 10%, you get **34, 63.913, 343.781**, and if you desaturate by 10%, it is **35, 62.631, 341.997**.

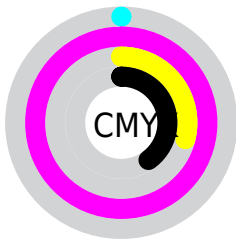
Distribution



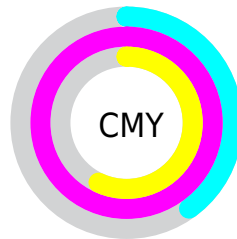
- Red (60%)
- Green (1%)
- Blue (43%)



- Red (60%)
- Yellow (1%)
- Blue (43%)



- Cyan (0%)
- Magenta (99%)
- Yellow (29%)
- Black (40%)




- Cyan (40%)
- Magenta (99%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 63.806, 343.612 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, 63.806, 343.612 by changing the saturation by 10% instead.


 34, 63.806,
343.612

 34, 63.806,
343.612

 100, 63.806,
343.612

 24, 63.806,
343.612

 54, 63.806,
343.612

 14, 63.806,
343.612

 64, 63.806,
343.612

 4, 63.806, 343.612

 74, 63.806,
343.612

 0, 63.806, 343.612

 84, 63.806,
343.612

 94, 63.806,
343.612

■ 34, 63.806,
343.612

■ 34, 63.806,
343.612

■ 34, 63.913,
343.781

■ 35, 62.631,
341.997

■ 36, 59.872,
340.608

■ 39, 55.277,
339.429

■ 41, 49.124,
338.400

■ 44, 41.803,
337.478

■ 48, 33.707,
336.633

■ 52, 25.171,
335.847

■ 56, 16.452,

335.107

■ 60, 7.731, 334.395

Harmonies

Complementary

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



34, 63.806, 343.612



55, 72.333, 141.277

Rectangle

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



34, 63.806, 343.612



34, 63.806, 33.612



34, 63.806, 163.612



34, 63.806, 213.612

Sweetspot

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



34, 63.803, 343.612



65, 32.135, 335.970



20, 88.568, 308.208



32, 21.839, 336.270



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, 63.803, 343.612



44, 77.036, 344.178



32, 62.127, 26.829



30, 4.852, 334.414



31, 59.836, 343.618



1, 5.162, 334.316

Inverse Universe

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



34, 63.803, 343.612



44, 77.036, 344.178



57, 43.181, 169.665



30, 4.852, 334.414



31, 59.836, 343.618



1, 5.162, 334.316

Previews

White Background



This preview shows how the CIELCh color 34, 63.806, 343.612 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, 63.806, 343.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

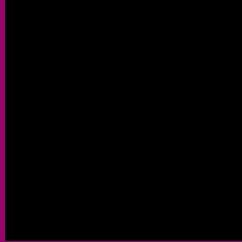
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 63.806, 343.612

Background



This preview shows how black text looks on a background with the CIELCh color 34, 63.806, 343.612.



This preview shows how white text looks on a background with the CIELCh color 34, 63.806, 343.612.

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, 63.806, 343.612

Protanopia

35, 47.437, 286.782

Deuteranopia

35, 13.735, 292.440



Tritanopia
35, 50.545, 29.019

Trichromacy



Original Color
34, 63.806, 343.612

Protanomaly
30, 56.127, 308.327

Deuteranomaly
31, 38.548, 328.046

Tritanomaly
34, 52.236, 8.661

Monochromacy



Original Color
34, 63.806, 343.612

Achromatopsia
25, 0.004, 296.813

Achromatomaly
24, 32.826, 338.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 63.806, 343.612 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(154, 2, 110)` looks like.

```
.text, #text, p{  
    color:rgb(154, 2, 110)  
}
```

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(154, 2, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 2, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 63.806, 343.612 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(154, 2, 110) }
```

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

```
.border{ border-color:rgb(154, 2, 110) }
```

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

Here you see how a box with a 4 pixel rgb(154, 2, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 2, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 2, 110);  
box-shadow:4px 4px 4px 4px rgb(154, 2,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 63.806, 343.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 2, 110) }
```

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

```
.background{ background-color: rgb(154, 2,  
110) }
```

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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