

Converting Colors

CIELCh(50, 34.035, 345.361)

Have a look what the booklet for
CIELCh(50, 34.035, 345.361)
contains.

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Color

CIELCh(50, 34.151, 345.647)

Conversions

Conversions Part 1

Format	Color
Hex	A66186
RGB	166, 97, 134
RGB Percent	65%, 38%, 53%
CMY	0.3485, 0.6191, 0.4740
CMYK	0.00, 0.42, 0.19, 0.35
HSL	328°, 28%, 52%
HSV	328°, 42%, 65%
XYZ	24.3522, 18.4187, 24.8721
YIQ	121.8490, 29.2470, 26.1350

Conversions

Conversions Part 2

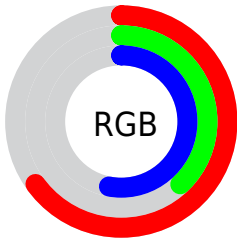
Format	Color
R_{YB}	166, 97, 134
Decimal	10903942
CIE _{Lab}	50.00, 33.09, -8.47
CIE _{LCh}	50, 34.151, 345.647
Yxy	18.4187, 0.3600, 0.2723
Android (android.graphics.Color)	4289094022 (0xFFA66186)
YUV	121.8490, 5.9904, 38.7204
Hunter-Lab	42.9170, 26.1808, -4.3191

Details

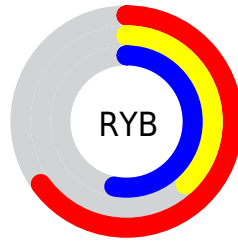
The CIELCh color **50, 34.151, 345.647** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **63, 32.845, 157.775**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 33.993, 345.611**, and **30, 33.868, 345.877** is the 20% darker color. If you saturate the color by 10%, you get **46, 41.870, 346.934**, and if you desaturate by 10%, it is **54, 25.994, 344.532**.

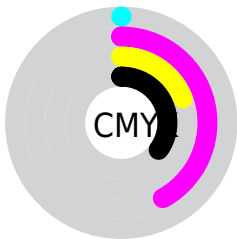
Distribution



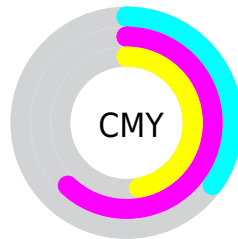
- Red (65%)
- Green (38%)
- Blue (53%)



- Red (65%)
- Yellow (38%)
- Blue (53%)



- Cyan (0%)
- Magenta (42%)
- Yellow (19%)
- Black (35%)





- Cyan (35%)
- Magenta (62%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 34.151, 345.647 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 50, 34.151, 345.647 by changing the saturation by 10% instead.


 50, 34.151,
345.647

 50, 34.151,
345.647


 100, 34.151,
345.647


 40, 34.151,
345.647


 70, 34.151,
345.647

 30, 34.151,
345.647

 80, 34.151,
345.647


 20, 34.151,
345.647

 90, 34.151,
345.647

 10, 34.151,
345.647

 0, 34.151, 345.647

 50, 34.151,
345.647

 50, 34.151,
345.647

46, 41.870,
346.934

54, 25.994,
344.532

43, 48.800,
348.452

58, 17.677,
343.541

40, 54.529,
350.292

63, 9.386, 342.640

67, 1.240, 341.596

38, 58.675,
352.574

72, 6.693, 161.187

37, 61.026,
355.440

77, 14.378,
160.481

36, 62.035,
358.272

82, 21.805,
159.843

86, 28.974,
159.255

91, 35.897,
158.708

Harmonies

Complementary

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



50, 34.151, 345.647



63, 32.845, 157.775

Rectangle

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



50, 34.151, 345.647



50, 34.151, 35.647



50, 34.151, 165.647



50, 34.151, 215.647

Sweetspot

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



50, 34.149, 345.648



80, 12.131, 342.700



47, 42.231, 309.521



42, 8.121, 342.809



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



50, 34.149, 345.648



60, 50.490, 346.849



49, 30.130, 19.737



33, 4.642, 342.444



31, 57.030, 357.869



2, 7.969, 345.725

Inverse Universe

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



50, 34.149, 345.648



60, 50.490, 346.849



64, 23.183, 192.625



33, 4.642, 342.444



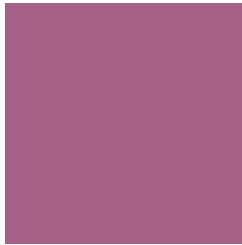
31, 57.030, 357.869



2, 7.969, 345.725

Previews

White Background



This preview shows how the CIELCh color 50, 34.151, 345.647 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 50, 34.151, 345.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

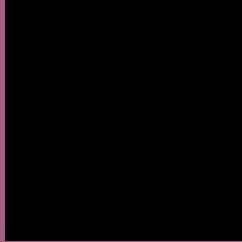
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 34.151, 345.647

Background



This preview shows how black text looks on a background with the CIELCh color 50, 34.151, 345.647.



This preview shows how white text looks on a background with the CIELCh color 50, 34.151, 345.647.

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

50, 34.151, 345.647

Protanopia

50, 17.627, 285.437

Deuteranopia

50, 9.658, 315.116



Tritanopia
50, 26.704, 14.337

Trichromacy



Original Color
50, 34.151, 345.647

Protanomaly
50, 21.153, 315.619

Deuteranomaly
50, 18.455, 335.051

Tritanomaly
50, 28.649, 2.267

Monochromacy



Original Color
50, 34.151, 345.647

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 12.607, 344.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 34.151, 345.647 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(166, 97, 134)` looks like.

```
.text, #text, p{  
    color:rgb(166, 97, 134)  
}
```

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(166, 97, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 97, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 34.151, 345.647 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(166, 97, 134) }
```

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

```
.border{ border-color:rgb(166, 97, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 97, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 97, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 97, 134); box-shadow:4px 4px 4px 4px rgb(166, 97, 134) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 34.151, 345.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 97, 134) }
```

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

```
.background{ background-color: rgb(166, 97,  
134) }
```

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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