

Converting Colors

CIELCh(51, 35.006, 347.037)

Have a look what the booklet for
CIELCh(51, 35.006, 347.037)
contains.

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Color

CIELCh(51, 34.974, 347.009)

Conversions

Conversions Part 1

Format	Color
Hex	AB6388
RGB	171, 99, 136
RGB Percent	67%, 39%, 53%
CMY	0.3305, 0.6128, 0.4677
CMYK	0.00, 0.42, 0.20, 0.33
HSL	329°, 30%, 53%
HSV	329°, 42%, 67%
XYZ	25.5929, 19.2686, 25.5621
YIQ	124.7460, 31.0350, 26.7710

Conversions

Conversions Part 2

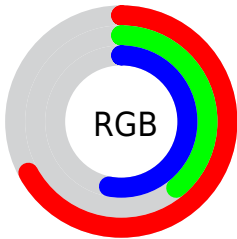
Format	Color
R_{YB}	171, 99, 136
Decimal	11232136
CIE _{Lab}	51.00, 34.08, -7.86
CIE _{LCh}	51, 34.974, 347.009
Yxy	19.2686, 0.3634, 0.2736
Android (android.graphics.Color)	4289422216 (0xFFAB6388)
YUV	124.7460, 5.5482, 40.5648
Hunter-Lab	43.8960, 27.2536, -3.7994

Details

The CIELCh color **51, 34.974, 347.009** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **64, 33.437, 158.791**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 35.111, 347.266**, and **31, 34.668, 347.426** is the 20% darker color. If you saturate the color by 10%, you get **47, 42.758, 348.373**, and if you desaturate by 10%, it is **55, 26.739, 345.837**.

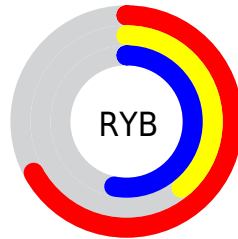
Distribution



Red (67%)

Green (39%)

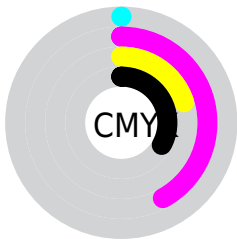
Blue (53%)



Red (67%)

Yellow (39%)

Blue (53%)

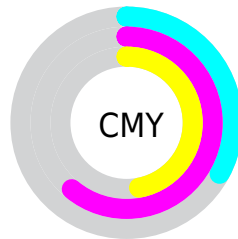


Cyan (0%)

Magenta (42%)

Yellow (20%)

Black (33%)



Cyan (33%)


Magenta (61%)


Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 34.974, 347.009 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 51, 34.974, 347.009 by changing the saturation by 10% instead.


 51, 34.974,
347.009


 51, 34.974,
347.009


 100, 34.974,
347.009


 41, 34.974,
347.009


 71, 34.974,
347.009

 31, 34.974,
347.009

 81, 34.974,
347.009

 21, 34.974,
347.009

 91, 34.974,
347.009

 11, 34.974,
347.009

 1, 34.974, 347.009

 0, 34.974, 347.009

■ 51, 34.974,
347.009

■ 51, 34.974,
347.009

■ 47, 42.758,
348.373

■ 55, 26.739,
345.837

■ 44, 49.731,
349.997

■ 60, 18.342,
344.804

■ 41, 55.472,
351.982

■ 64, 9.972, 343.870

■ 39, 59.604,
354.459

■ 69, 1.754, 342.874

■ 74, 6.243, 162.378


■ 37, 61.939,
357.582

■ 78, 13.984,
161.651

■ 37, 62.934, 0.414

■ 83, 21.458,
161.001

■ 88, 28.668,
160.402

 93, 35.625,
159.847

Harmonies

Complementary

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



51, 34.974, 347.009



64, 33.437, 158.791

Rectangle

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



51, 34.974, 347.009



51, 34.974, 37.009



51, 34.974, 167.009



51, 34.974, 217.009

Sweetspot

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



51, 34.972, 347.010



81, 13.209, 343.967



48, 44.011, 310.625



42, 9.338, 344.164



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



51, 34.972, 347.010



61, 51.762, 348.336



50, 31.553, 22.337



33, 4.572, 343.612



31, 56.706, 359.890



2, 7.863, 346.866

Inverse Universe

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



51, 34.972, 347.010



61, 51.762, 348.336



65, 23.693, 195.815



33, 4.572, 343.612



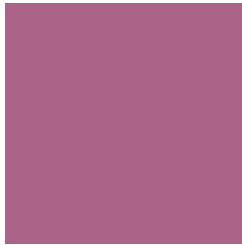
31, 56.706, 359.890



2, 7.863, 346.866

Previews

White Background



This preview shows how the CIELCh color 51, 34.974, 347.009 looks on a white background.

Color Contrast Check

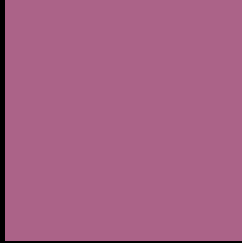
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 34.974, 347.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

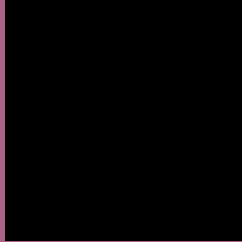
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 34.974, 347.009

Background



This preview shows how black text looks on a background with the CIELCh color 51, 34.974, 347.009.



This preview shows how white text looks on a background with the CIELCh color 51, 34.974, 347.009.

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

51, 34.974, 347.009

Protanopia

51, 16.975, 285.035

Deuteranopia

51, 9.280, 318.812



Tritanopia
51, 27.931, 13.718

Trichromacy



Original Color
51, 34.974, 347.009

Protanomaly
51, 20.540, 316.244

Deuteranomaly
51, 18.287, 337.290

Tritanomaly
51, 29.884, 2.238

Monochromacy



Original Color
51, 34.974, 347.009

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 12.897, 345.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 34.974, 347.009 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(171, 99, 136)` looks like.

```
.text, #text, p{  
    color:rgb(171, 99, 136)  
}
```

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(171, 99, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 99, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 34.974, 347.009 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(171, 99, 136) }
```

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

```
.border{ border-color:rgb(171, 99, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 99, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 99, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 99, 136); box-shadow:4px 4px 4px 4px rgb(171, 99, 136) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 34.974, 347.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 99, 136) }
```

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

```
.background{ background-color: rgb(171, 99,  
136) }
```

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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