

Converting Colors

CIELCh(69, 9.687, 334.241)

Have a look what the booklet for
CIELCh(69, 9.687, 334.241) contains.

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Color

CIELCh(69, 9.876, 334.030)

Conversions

Conversions Part 1

Format	Color
Hex	B5A3B0
RGB	181, 163, 176
RGB Percent	71%, 64%, 69%
CMY	0.2887, 0.3593, 0.3083
CMYK	0.00, 0.10, 0.03, 0.29
HSL	317°, 11%, 68%
HSV	317°, 10%, 71%
XYZ	40.1808, 39.3444, 46.7449
YIQ	169.8640, 6.5550, 7.8590

Conversions

Conversions Part 2

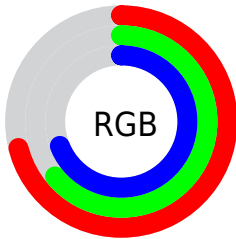
Format	Color
RYB	181, 163, 176
Decimal	11903920
CIELab	69.00, 8.88, -4.32
CIELCh	69, 9.876, 334.030
Yxy	39.3444, 0.3182, 0.3116
Android (android.graphics.Color)	4290094000 (0xFFB5A3B0)
YUV	169.8640, 3.0250, 9.7663
Hunter-Lab	62.7251, 4.5756, -0.2774

Details

The CIELCh color $69, 9.876, 334.030$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 9.828, 152.758$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 10.003, 333.330$, and $49, 10.263, 332.594$ is the 20% darker color. If you saturate the color by 10%, you get $64, 19.934, 334.744$, and if you desaturate by 10%, it is $74, 0.066, 158.118$.

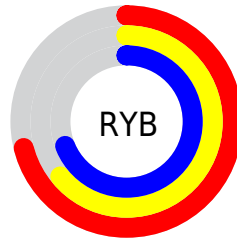
Distribution



Red (71%)

Green (64%)

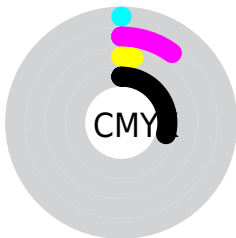
Blue (69%)



Red (71%)

Yellow (64%)

Blue (69%)

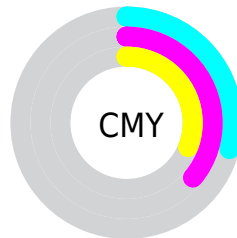


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 9.876, 334.030 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 69, 9.876, 334.030 by changing the saturation by 10% instead.

69, 9.876, 334.030

69, 9.876, 334.030

100, 9.876,
334.030

59, 9.876, 334.030

89, 9.876, 334.030

49, 9.876, 334.030

99, 9.876, 334.030

39, 9.876, 334.030

29, 9.876, 334.030

19, 9.876, 334.030

9, 9.876, 334.030

0, 9.876, 334.030

69, 9.876, 334.030

69, 9.876, 334.030

64, 19.934,

74, 0.066, 158.118

334.744

79, 9.793, 152.813

60, 29.966,
335.487

84, 19.260,
152.209

55, 39.746,
336.275

89, 28.444,
151.648

52, 48.957,
337.120

94, 37.341,
151.121

48, 57.192,
338.040

94, 35.959,
153.650

45, 63.983,
339.066

94, 34.091,
156.622

43, 68.888,
340.243

94, 32.306,
159.913

41, 71.621,
341.629

95, 30.620,
163.560

40, 72.526,
343.245

Harmonies

Complementary

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



69, 9.876, 334.030



72, 9.828, 152.758

Rectangle

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



69, 9.876, 334.030



69, 9.876, 24.030



69, 9.876, 154.030



69, 9.876, 204.030

Sweetspot

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



69, 9.874, 334.032



91, 3.661, 333.504



68, 10.113, 301.160



48, 2.774, 333.577



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 9.874, 334.032



86, 14.736, 334.193



69, 7.282, 1.616



36, 5.689, 333.991



34, 64.897, 343.027



3, 14.333, 338.092

Inverse Universe

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



69, 9.874, 334.032



86, 14.736, 334.193



72, 7.031, 179.916



36, 5.689, 333.991



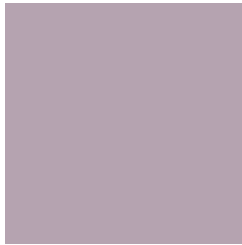
34, 64.897, 343.027



3, 14.333, 338.092

Previews

White Background



This preview shows how the CIELCh color 69, 9.876, 334.030 looks on a white background.

Color Contrast Check

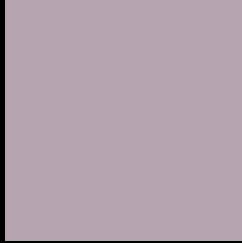
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 9.876, 334.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

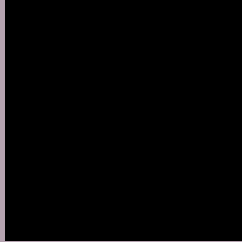
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 9.876, 334.030

Background



This preview shows how black text looks on a background with the CIELCh color 69, 9.876, 334.030.



This preview shows how white text looks on a background with the CIELCh color 69, 9.876, 334.030.

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


69, 9.876, 334.030

Protanopia

69, 6.616, 294.033

Deuteranopia

69, 9.876, 334.030



Tritanopia
69, 9.876, 334.030

Trichromacy



Original Color
69, 9.876, 334.030

Protanomaly
69, 7.124, 312.185

Deuteranomaly
69, 9.876, 334.030

Tritanomaly
69, 9.876, 334.030

Monochromacy



Original Color
69, 9.876, 334.030

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 3.172, 335.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 9.876, 334.030 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(181, 163, 176)` looks like.

```
.text, #text, p{  
    color:rgb(181, 163, 176)  
}
```

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(181, 163, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 163, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 9.876, 334.030 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(181, 163, 176) }
```

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

```
.border{ border-color:rgb(181, 163, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 163, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 163, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 163, 176);  
box-shadow:4px 4px 4px 4px rgb(181, 163,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 9.876, 334.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 163, 176) }
```

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

```
.background{ background-color: rgb(181,  
163, 176) }
```

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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