

Converting Colors

CIELCh(69, 2.984, 144.302)

Have a look what the booklet for
CIELCh(69, 2.984, 144.302) contains.

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Color

CIELCh(69, 3.343, 144.349)

Conversions

Conversions Part 1

Format	Color
Hex	A5AAA5
RGB	165, 170, 165
RGB Percent	65%, 67%, 65%
CMY	0.3538, 0.3342, 0.3538
CMYK	0.03, 0.00, 0.03, 0.33
HSL	120°, 3%, 66%
HSV	120°, 3%, 67%
XYZ	36.5700, 39.3444, 41.1533
YIQ	167.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

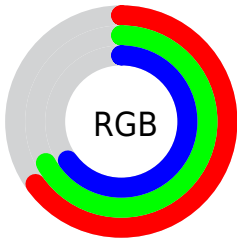
Format	Color
RYB	165, 170, 170
Decimal	10857125
CIELab	69.00, -2.72, 1.95
CIElCh	69, 3.343, 144.349
Yxy	39.3444, 0.3124, 0.3361
Android (android.graphics.Color)	4289047205 (0xFFA5AAA5)
YUV	167.9350, -1.4470, -2.5740
Hunter-Lab	62.7251, -5.6998, 5.0080

Details

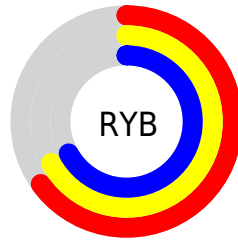
The CIELCh color **69, 3.343, 144.349** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 3.360, 324.534**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 3.169, 144.407**, and **49, 3.578, 144.264** is the 20% darker color. If you saturate the color by 10%, you get **67, 14.823, 143.687**, and if you desaturate by 10%, it is **71, 7.958, 324.770**.

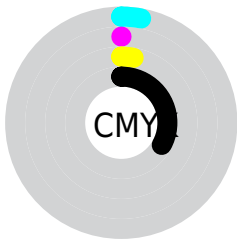
Distribution



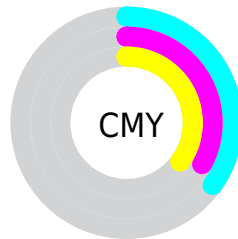
- Red (65%)
- Green (67%)
- Blue (65%)



- Red (65%)
- Yellow (67%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (33%)



- Cyan (35%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 3.343, 144.349 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, 3.343, 144.349 by changing the saturation by 10% instead.

■ 69, 3.343, 144.349

■ 69, 3.343, 144.349

■ 100, 3.343,
144.349

■ 59, 3.343, 144.349

■ 89, 3.343, 144.349

■ 49, 3.343, 144.349

■ 99, 3.343, 144.349

■ 39, 3.343, 144.349

■ 29, 3.343, 144.349

■ 19, 3.343, 144.349

■ 9, 3.343, 144.349

■ 0, 3.343, 144.349

■ 69, 3.343, 144.349

■ 69, 3.343, 144.349

■ 67, 14.823,

■ 71, 7.958, 324.770

143.687

73, 19.000,
325.224

66, 26.353,
142.964

75, 29.730,
325.599

65, 37.761,
142.128

77, 40.118,
325.916

63, 48.818,
141.174

80, 50.154,
326.185

62, 59.229,
140.116

80, 53.243,
326.260

62, 68.634,
138.997

61, 76.608,
137.905

61, 82.702,
136.967

61, 86.559,
136.322

Harmonies

Complementary

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



69, 3.343, 144.349



68, 3.360, 324.534

Rectangle

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



69, 3.343, 144.349



69, 3.343, 194.349



69, 3.343, 324.349



69, 3.343, 14.349

Sweetspot

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



69, 3.345, 144.350



88, 1.403, 144.587



69, 2.729, 109.881



47, 0.804, 144.601



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 3.345, 144.350



88, 5.655, 144.267



69, 2.339, 163.569



35, 3.197, 144.228



53, 79.798, 136.016



5, 11.671, 144.444

Inverse Universe

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



68, 3.360, 324.534



86, 5.673, 324.613



68, 2.359, 343.735



35, 3.206, 324.650



35, 76.990, 328.234



2, 11.672, 324.440

Previews

White Background



This preview shows how the CIELCh color 69, 3.343, 144.349 looks on a white background.

Color Contrast Check

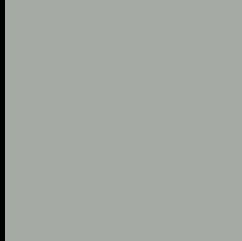
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 3.343, 144.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

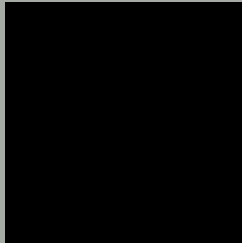
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

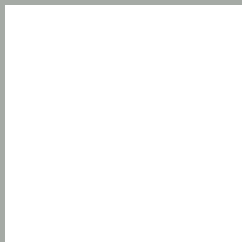
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 3.343, 144.349

Background



This preview shows how black text looks on a background with the CIELCh color 69, 3.343, 144.349.



This preview shows how white text looks on a background with the CIELCh color 69, 3.343, 144.349.

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, 3.343, 144.349

Protanopia

69, 2.655, 74.742

Deuteranopia

69, 8.645, 9.226



Tritanopia
69, 7.699, 290.961

Trichromacy



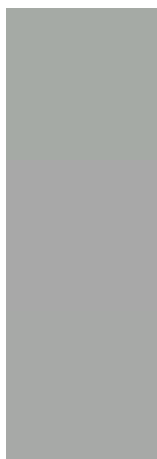
Original Color
69, 3.343, 144.349

Protanomaly
69, 2.730, 109.880

Deuteranomaly
69, 5.015, 13.501

Tritanomaly
69, 3.908, 279.670

Monochromacy



Original Color
69, 3.343, 144.349

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 1.332, 144.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 3.343, 144.349 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(165, 170, 165)` looks like.

```
.text, #text, p{  
    color:rgb(165, 170, 165)  
}
```

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(165, 170, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 170, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 3.343, 144.349 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(165, 170, 165) }
```

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

```
.border{ border-color:rgb(165, 170, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 170, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 170, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 170, 165);  
box-shadow:4px 4px 4px 4px rgb(165, 170,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 3.343, 144.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 170, 165) }
```

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

```
.background{ background-color: rgb(165,  
170, 165) }
```

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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