

Converting Colors

CIELCh(69, 4.046, 97.890)

Have a look what the booklet for
CIELCh(69, 4.046, 97.890) contains.

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Color

CIELCh(69, 3.988, 92.954)

Conversions

Conversions Part 1

Format	Color
Hex	ABA8A1
RGB	171, 168, 161
RGB Percent	67%, 66%, 63%
CMY	0.3286, 0.3403, 0.3678
CMYK	0.00, 0.02, 0.06, 0.33
HSL	42°, 6%, 65%
HSV	42°, 6%, 67%
XYZ	37.3328, 39.3444, 39.4408
YIQ	168.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

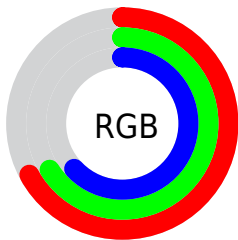
Format	Color
RYB	165, 171, 161
Decimal	11249825
CIELab	69.00, -0.21, 3.98
CIELCh	69, 3.988, 92.954
Yxy	39.3444, 0.3215, 0.3388
Android (android.graphics.Color)	4289439905 (0xFFABA8A1)
YUV	168.0990, -3.4998, 2.5442
Hunter-Lab	62.7251, -3.5292, 6.6267

Details

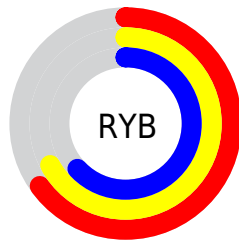
The CIELCh color **69, 3.988, 92.954** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 4.007, 274.486**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 3.779, 93.100**, and **49, 3.713, 90.191** is the 20% darker color. If you saturate the color by 10%, you get **67, 10.925, 91.784**, and if you desaturate by 10%, it is **71, 2.828, 274.276**.

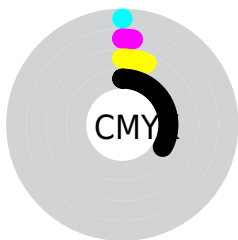
Distribution



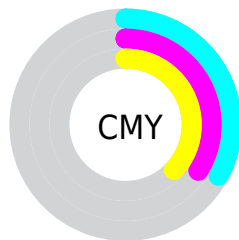
- Red (67%)
- Green (66%)
- Blue (63%)



- Red (65%)
- Yellow (67%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (33%)



- Cyan (33%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 3.988, 92.954 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, 3.988, 92.954 by changing the saturation by 10% instead.

69, 3.988, 92.954

69, 3.988, 92.954

100, 3.988, 92.954

59, 3.988, 92.954

89, 3.988, 92.954

49, 3.988, 92.954

99, 3.988, 92.954

39, 3.988, 92.954

29, 3.988, 92.954

19, 3.988, 92.954

9, 3.988, 92.954

0, 3.988, 92.954

69, 3.988, 92.954

69, 3.988, 92.954

67, 10.925, 91.784

71, 2.828, 274.276

65, 17.971, 90.525

73, 9.527, 275.360

64, 25.100, 89.224

75, 16.110,
276.435

62, 32.256, 87.886

76, 22.586,
277.462

61, 39.327, 86.507

59, 46.109, 85.071

78, 28.961,
278.440

57, 52.251, 83.540

80, 30.723,
276.526

56, 57.207, 81.832

55, 60.369, 79.821

81, 28.485,
271.474

83, 26.498,
265.667

84, 24.816,
259.057

Harmonies

Complementary

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



69, 3.988, 92.954



67, 4.007, 274.486

Rectangle

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



69, 3.988, 92.954



69, 3.988, 142.954



69, 3.988, 272.954



69, 3.988, 322.954

Sweetspot

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



69, 3.989, 92.978



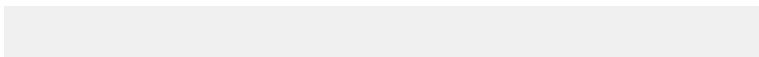
88, 1.674, 93.341



67, 4.179, 356.393



47, 0.959, 93.346



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, 3.989, 92.978



87, 5.911, 92.832



70, 5.518, 117.609



36, 3.131, 92.795



48, 55.931, 79.256



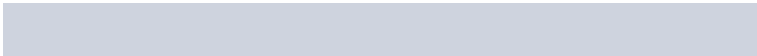
5, 7.524, 86.339

Inverse Universe

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



67, 4.007, 274.486



84, 5.933, 274.643



67, 5.598, 298.391



35, 3.142, 274.684



24, 68.335, 297.810



2, 8.758, 277.603

Previews

White Background



This preview shows how the CIELCh color 69, 3.988, 92.954 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, 3.988, 92.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

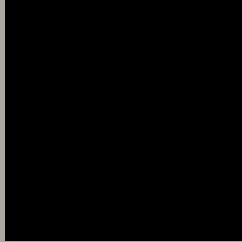
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

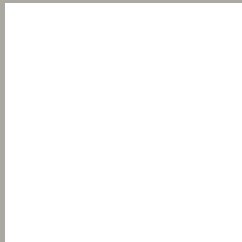
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 3.988, 92.954

Background



This preview shows how black text looks on a background with the CIELCh color 69, 3.988, 92.954.



This preview shows how white text looks on a background with the CIELCh color 69, 3.988, 92.954.

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, 3.988, 92.954

Protanopia

69, 4.271, 82.948

Deuteranopia

69, 9.371, 23.520



Tritanopia
69, 7.773, 313.273

Trichromacy



Original Color

69, 3.988, 92.954

Protanomaly

69, 4.114, 87.783

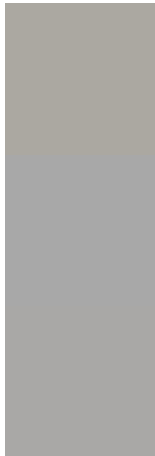
Deuteranomaly

69, 6.413, 34.649

Tritanomaly

69, 4.017, 324.571

Monochromacy



Original Color

69, 3.988, 92.954

Achromatopsia

69, 0.009, 296.813

Achromatomaly

69, 1.149, 90.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 3.988, 92.954 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, 168, 161)` looks like.

```
.text, #text, p{  
    color:rgb(171, 168, 161)  
}
```

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, 168, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 168, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 3.988, 92.954 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, 168, 161) }
```

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

```
.border{ border-color:rgb(171, 168, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 168, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 168, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 168, 161);  
box-shadow:4px 4px 4px 4px rgb(171, 168,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 3.988, 92.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 168, 161) }
```

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

```
.background{ background-color: rgb(171,  
168, 161) }
```

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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