

Converting Colors

CIELCh(69, 6.987, 21.024)

Have a look what the booklet for
CIELCh(69, 6.987, 21.024) contains.

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Color

CIELCh(69, 6.954, 19.958)

Conversions

Conversions Part 1

Format	Color
Hex	B6A4A4
RGB	182, 164, 164
RGB Percent	71%, 64%, 64%
CMY	0.2850, 0.3556, 0.3556
CMYK	0.00, 0.10, 0.10, 0.28
HSL	0°, 11%, 68%
HSV	0°, 10%, 72%
XYZ	39.4330, 39.3444, 40.7913
YIQ	169.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

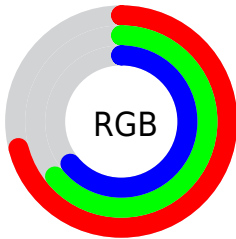
Format	Color
RYB	182, 164, 164
Decimal	11969700
CIELab	69.00, 6.54, 2.37
CIELCh	69, 6.954, 19.958
Yxy	39.3444, 0.3298, 0.3291
Android (android.graphics.Color)	4290159780 (0xFFB6A4A4)
YUV	169.3820, -2.6533, 11.0660
Hunter-Lab	62.7251, 2.4477, 5.3501

Details

The CIELCh color **69, 6.954, 19.958** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 6.537, 198.969**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 6.933, 19.819**, and **49, 7.076, 20.189** is the 20% darker color. If you saturate the color by 10%, you get **64, 14.549, 20.816**, and if you desaturate by 10%, it is **74, 0.084, 205.583**.

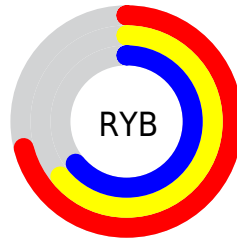
Distribution



Red (71%)

Green (64%)

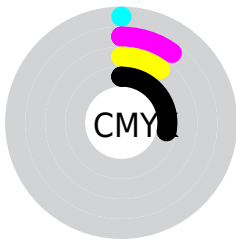
Blue (64%)



Red (71%)

Yellow (64%)

Blue (64%)

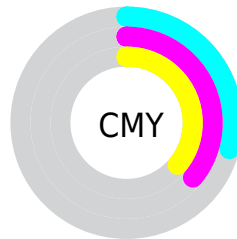


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (28%)



Cyan (29%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 6.954, 19.958 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, 6.954, 19.958 by changing the saturation by 10% instead.

 69, 6.954, 19.958  69, 6.954, 19.958

 100, 6.954, 19.958  59, 6.954, 19.958

 89, 6.954, 19.958  49, 6.954, 19.958

 99, 6.954, 19.958  39, 6.954, 19.958

 29, 6.954, 19.958

 19, 6.954, 19.958

 9, 6.954, 19.958

 0, 6.954, 19.958

 69, 6.954, 19.958  69, 6.954, 19.958

 64, 14.549, 20.816  74, 0.084, 205.583

59, 22.712, 21.872

80, 6.593, 199.007

54, 31.402, 23.239

85, 12.624,
198.578

50, 40.508, 25.021

90, 18.228,
198.252

46, 49.836, 27.324

43, 59.098, 30.221

95, 23.325,
197.980

40, 67.893, 33.637

39, 75.494, 37.109

38, 81.200, 39.956

Harmonies

Complementary

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



69, 6.954, 19.958



73, 6.537, 198.969

Rectangle

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



69, 6.954, 19.958



69, 6.954, 69.958



69, 6.954, 199.958



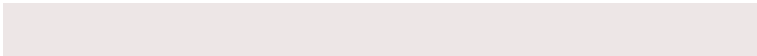
69, 6.954, 249.958

Sweetspot

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



69, 6.953, 19.972



92, 2.547, 19.357



70, 11.980, 324.957



49, 1.952, 19.457



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 6.953, 19.972



86, 10.556, 20.156



71, 5.988, 74.174



36, 4.003, 19.931



32, 71.868, 39.602



2, 10.636, 19.417

Inverse Universe

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



73, 6.537, 198.969



92, 9.776, 198.834



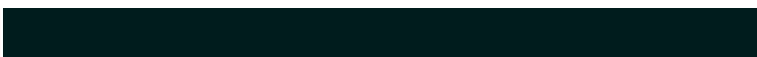
70, 5.852, 256.751



38, 3.776, 199.001



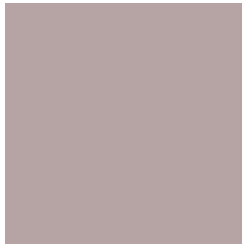
58, 34.634, 196.416



8, 10.515, 197.764

Previews

White Background



This preview shows how the CIELCh color 69, 6.954, 19.958 looks on a white background.

Color Contrast Check

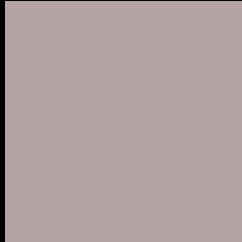
Large Text (above 18pt) WCAG AA × Fail

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, 6.954, 19.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

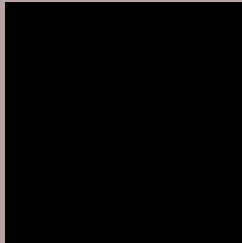
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 6.954, 19.958

Background



This preview shows how black text looks on a background with the CIELCh color 69, 6.954, 19.958.



This preview shows how white text looks on a background with the CIELCh color 69, 6.954, 19.958.

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, 6.954, 19.958

Protanopia

69, 1.863, 55.192

Deuteranopia

69, 8.965, 13.184



Tritanopia
69, 10.338, 340.846

Trichromacy



Original Color
69, 6.954, 19.958

Protanomaly
69, 3.610, 37.182

Deuteranomaly
69, 8.575, 12.822

Tritanomaly
69, 8.808, 350.359

Monochromacy



Original Color
69, 6.954, 19.958

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 2.280, 19.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 6.954, 19.958 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(182, 164, 164)` looks like.

```
.text, #text, p{  
    color:rgb(182, 164, 164)  
}
```

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(182, 164, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 164, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 6.954, 19.958 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(182, 164, 164) }
```

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

```
.border{ border-color:rgb(182, 164, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 164, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 164, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 164, 164);  
box-shadow:4px 4px 4px 4px rgb(182, 164,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 6.954, 19.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 164, 164) }
```

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

```
.background{ background-color: rgb(182,  
164, 164) }
```

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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