

Converting Colors

CIELCh(69, 6.772, 350.364)

Have a look what the booklet for
CIELCh(69, 6.772, 350.364) contains.

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Color

CIELCh(69, 7.212, 347.881)

Conversions

Conversions Part 1

Format	Color
Hex	B4A4AB
RGB	180, 164, 171
RGB Percent	71%, 64%, 67%
CMY	0.2930, 0.3557, 0.3283
CMYK	0.00, 0.09, 0.05, 0.29
HSL	334°, 10%, 68%
HSV	334°, 9%, 71%
XYZ	39.5966, 39.3444, 44.1809
YIQ	169.5820, 7.2890, 5.5690

Conversions

Conversions Part 2

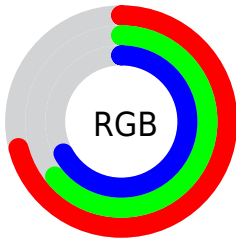
Format	Color
RYB	180, 164, 171
Decimal	11838635
CIELab	69.00, 7.05, -1.51
CIELCh	69, 7.212, 347.881
Yxy	39.3444, 0.3216, 0.3196
Android (android.graphics.Color)	4290028715 (0xFFB4A4AB)
YUV	169.5820, 0.6991, 9.1366
Hunter-Lab	62.7251, 2.9131, 2.1462

Details

The CIELCh color $69, 7.212, 347.881$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 7.099, 166.460$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 7.151, 349.272$, and $49, 7.367, 346.433$ is the 20% darker color. If you saturate the color by 10%, you get $64, 15.533, 348.883$, and if you desaturate by 10%, it is $74, 0.892, 167.523$.

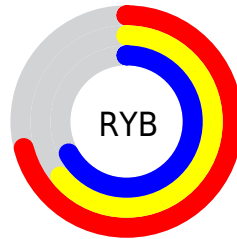
Distribution



Red (71%)

Green (64%)

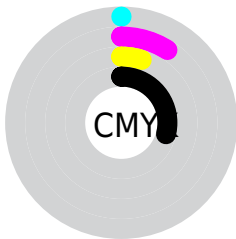
Blue (67%)



Red (71%)

Yellow (64%)

Blue (67%)

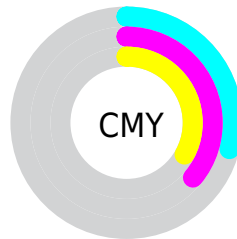


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 7.212, 347.881 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, 7.212, 347.881 by changing the saturation by 10% instead.

■ 69, 7.212, 347.881

■ 69, 7.212, 347.881

■ 100, 7.212,
347.881

■ 59, 7.212, 347.881

■ 89, 7.212, 347.881

■ 49, 7.212, 347.881

■ 99, 7.212, 347.881

■ 39, 7.212, 347.881

■ 29, 7.212, 347.881

■ 19, 7.212, 347.881

■ 9, 7.212, 347.881

■ 0, 7.212, 347.881

■ 69, 7.212, 347.881

■ 69, 7.212, 347.881

■ 64, 15.533,

■ 74, 0.892, 167.523

348.883

79, 8.724, 166.344

59, 23.982,
349.987

84, 16.267,
165.613

55, 32.393,
351.256

89, 23.521,
164.954

51, 40.520,
352.750

94, 30.497,
164.350

47, 48.024,
354.552

95, 27.830,
172.643

44, 54.493,
356.778

95, 25.525,
182.922

41, 59.531,
359.579

95, 24.101,
194.774

40, 62.898, 3.126

95, 23.904,
197.944

38, 64.875, 7.446

Harmonies

Complementary

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



69, 7.212, 347.881



72, 7.099, 166.460

Rectangle

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



69, 7.212, 347.881



69, 7.212, 37.881



69, 7.212, 167.881



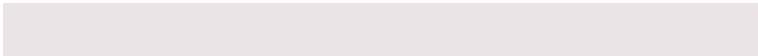
69, 7.212, 217.881

Sweetspot

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



69, 7.210, 347.887



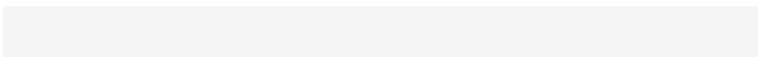
91, 2.996, 347.267



69, 9.431, 311.159



48, 2.271, 347.369



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, 7.210, 347.887



86, 11.103, 348.112



69, 5.875, 24.103



35, 4.566, 347.930



32, 57.661, 7.246



2, 10.262, 353.323

Inverse Universe

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



69, 7.210, 347.887



86, 11.103, 348.112



72, 5.554, 203.553



35, 4.566, 347.930



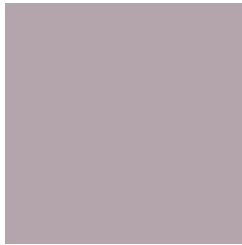
32, 57.661, 7.246



2, 10.262, 353.323

Previews

White Background



This preview shows how the CIELCh color 69, 7.212, 347.881 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, 7.212, 347.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

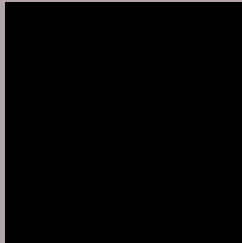
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 7.212, 347.881

Background



This preview shows how black text looks on a background with the CIELCh color 69, 7.212, 347.881.



This preview shows how white text looks on a background with the CIELCh color 69, 7.212, 347.881.

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, 7.212, 347.881

Protanopia

69, 2.861, 305.614

Deuteranopia

69, 9.084, 347.346



Tritanopia
69, 9.876, 334.030

Trichromacy



Original Color
69, 7.212, 347.881

Protanomaly
69, 3.831, 333.901

Deuteranomaly
69, 8.766, 345.938

Tritanomaly
69, 9.126, 338.816

Monochromacy



Original Color
69, 7.212, 347.881

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 2.534, 353.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 7.212, 347.881 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(180, 164, 171)` looks like.

```
.text, #text, p{  
    color:rgb(180, 164, 171)  
}
```

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(180, 164, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 164, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 7.212, 347.881 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(180, 164, 171) }
```

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

```
.border{ border-color:rgb(180, 164, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 164, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 164, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 164, 171);  
box-shadow:4px 4px 4px 4px rgb(180, 164,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 7.212, 347.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 164, 171) }
```

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

```
.background{ background-color: rgb(180,  
164, 171) }
```

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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