

Converting Colors

CIELCh(69, 9.447, 73.512)

Have a look what the booklet for
CIELCh(69, 9.447, 73.512) contains.

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Color

CIELCh(69, 9.458, 73.503)

Conversions

Conversions Part 1

Format	Color
Hex	B4A698
RGB	180, 166, 152
RGB Percent	71%, 65%, 60%
CMY	0.2933, 0.3482, 0.4032
CMYK	0.00, 0.08, 0.16, 0.29
HSL	30°, 16%, 65%
HSV	30°, 16%, 71%
XYZ	38.2241, 39.3444, 35.3686
YIQ	168.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

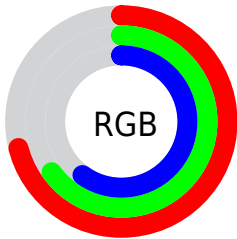
Format	Color
RYB	180, 180, 152
Decimal	11839128
CIELab	69.00, 2.69, 9.07
CIELCh	69, 9.458, 73.503
Yxy	39.3444, 0.3385, 0.3484
Android (android.graphics.Color)	4290029208 (0xFFB4A698)
YUV	168.5900, -8.1789, 10.0066
Hunter-Lab	62.7251, -0.9927, 10.4759

Details

The CIELCh color **69, 9.458, 73.503** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 9.096, 257.573**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 9.574, 73.816**, and **49, 9.456, 72.979** is the 20% darker color. If you saturate the color by 10%, you get **66, 15.913, 72.295**, and if you desaturate by 10%, it is **72, 3.293, 74.666**.

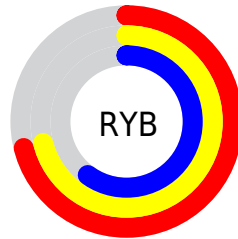
Distribution



Red (71%)

Green (65%)

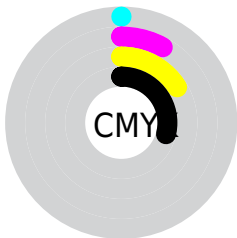
Blue (60%)



Red (71%)

Yellow (71%)

Blue (60%)

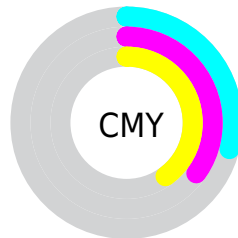


Cyan (0%)

Magenta (8%)

Yellow (16%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 9.458, 73.503 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, 9.458, 73.503 by changing the saturation by 10% instead.

 69, 9.458, 73.503  69, 9.458, 73.503

 100, 9.458, 73.503  59, 9.458, 73.503

 89, 9.458, 73.503  49, 9.458, 73.503

 99, 9.458, 73.503  39, 9.458, 73.503

 29, 9.458, 73.503

 19, 9.458, 73.503

 9, 9.458, 73.503

 0, 9.458, 73.503

 69, 9.458, 73.503  69, 9.458, 73.503

 66, 15.913, 72.295  72, 3.293, 74.666

64, 22.670, 71.053

75, 2.606, 256.091

61, 29.726, 69.799

78, 8.264, 257.161

58, 37.034, 68.526

80, 13.708,
258.266

56, 44.474, 67.206

83, 18.961,
259.340

54, 51.775, 65.762

51, 58.410, 64.027

86, 21.818,
256.001

49, 63.556, 61.708

89, 20.202,
240.554

48, 65.658, 60.675

91, 20.166,
224.017

93, 21.666,
208.794

Harmonies

Complementary

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



69, 9.458, 73.503



68, 9.096, 257.573

Rectangle

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



69, 9.458, 73.503



69, 9.458, 123.503



69, 9.458, 253.503



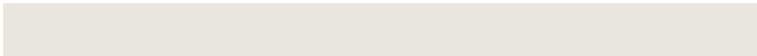
69, 9.458, 303.503

Sweetspot

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



69, 9.458, 73.516



91, 3.678, 74.712



66, 13.245, 344.946



48, 2.512, 74.642



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, 9.458, 73.516



86, 14.456, 73.058



73, 15.109, 108.694



36, 3.371, 74.252



41, 58.045, 61.199



4, 7.581, 63.017

Inverse Universe

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



68, 9.096, 257.573



84, 13.751, 258.166



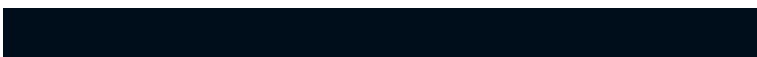
64, 15.649, 291.846



36, 3.300, 256.688



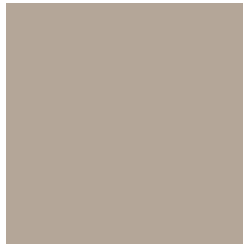
33, 48.625, 283.363



3, 8.802, 266.093

Previews

White Background



This preview shows how the CIELCh color 69, 9.458, 73.503 looks on a white background.

Color Contrast Check

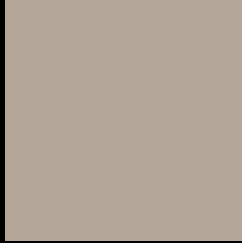
Large Text (above 18pt) WCAG AA × Fail

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, 9.458, 73.503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

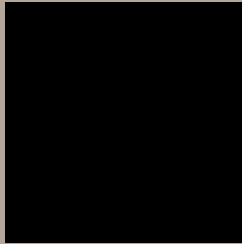
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

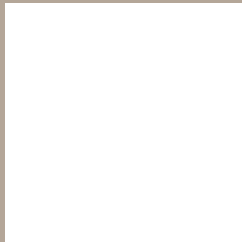
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 9.458, 73.503

Background



This preview shows how black text looks on a background with the CIELCh color 69, 9.458, 73.503.



This preview shows how white text looks on a background with the CIELCh color 69, 9.458, 73.503.

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, 9.458, 73.503

Protanopia

69, 8.640, 90.760

Deuteranopia

69, 12.232, 43.875



Tritanopia
69, 10.410, 337.129

Trichromacy



Original Color
69, 9.458, 73.503

Protanomaly
69, 8.605, 82.137

Deuteranomaly
69, 10.635, 54.298

Tritanomaly
69, 7.108, 6.655

Monochromacy



Original Color
69, 9.458, 73.503

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.325, 74.631

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 9.458, 73.503 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, 166, 152)` looks like.

```
.text, #text, p{  
    color:rgb(180, 166, 152)  
}
```

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, 166, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 166, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 9.458, 73.503 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, 166, 152) }
```

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

```
.border{ border-color:rgb(180, 166, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 166, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 166, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 166, 152);  
box-shadow:4px 4px 4px 4px rgb(180, 166,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 9.458, 73.503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 166, 152) }
```

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

```
.background{ background-color: rgb(180,  
166, 152) }
```

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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