

Converting Colors

CIELCh(69, 11.390, 80.484)

Have a look what the booklet for
CIELCh(69, 11.390, 80.484) contains.

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Color

CIELCh(69, 11.617, 82.570)

Conversions

Conversions Part 1

Format	Color
Hex	B4A794
RGB	180, 167, 148
RGB Percent	71%, 65%, 58%
CMY	0.2952, 0.3461, 0.4206
CMYK	0.00, 0.07, 0.18, 0.30
HSL	36°, 18%, 64%
HSV	36°, 18%, 70%
XYZ	37.8575, 39.3444, 33.5106
YIQ	168.7210, 13.8470, -3.1530

Conversions

Conversions Part 2

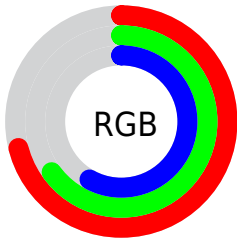
Format	Color
RYB	170, 180, 148
Decimal	11839380
CIELab	69.00, 1.50, 11.52
CIElCh	69, 11.617, 82.570
Yxy	39.3444, 0.3419, 0.3554
Android (android.graphics.Color)	4290029460 (0xFFB4A794)
YUV	168.7210, -10.2155, 9.8917
Hunter-Lab	62.7251, -2.0358, 12.2321

Details

The CIELCh color $69, 11.617, 82.570$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 11.386, 267.394$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 11.620, 82.456$, and $49, 11.761, 82.474$ is the 20% darker color. If you saturate the color by 10%, you get $67, 18.432, 81.270$, and if you desaturate by 10%, it is $71, 5.008, 83.832$.

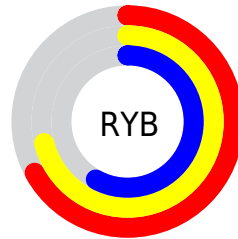
Distribution



Red (71%)

Green (65%)

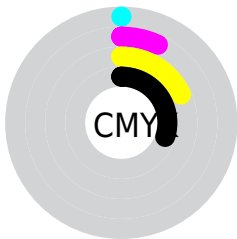
Blue (58%)



Red (67%)

Yellow (71%)

Blue (58%)

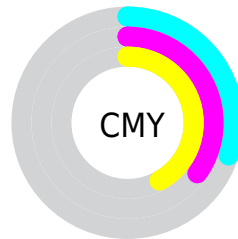


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 11.617, 82.570 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, 11.617, 82.570 by changing the saturation by 10% instead.

■ 69, 11.617, 82.570

■ 69, 11.617, 82.570

■ 100, 11.617,
82.570

■ 59, 11.617, 82.570

■ 89, 11.617, 82.570

■ 49, 11.617, 82.570

■ 99, 11.617, 82.570

■ 39, 11.617, 82.570

■ 29, 11.617, 82.570

■ 19, 11.617, 82.570

■ 9, 11.617, 82.570

■ 0, 11.617, 82.570

■ 69, 11.617, 82.570

■ 69, 11.617, 82.570

■ 67, 18.432, 81.270

■ 71, 5.008, 83.832

64, 25.442, 79.920

74, 1.403, 265.322

62, 32.610, 78.532

76, 7.628, 266.360

60, 39.845, 77.096

79, 13.684,
267.493

58, 46.956, 75.578

81, 19.585,
268.584

56, 53.580, 73.901

54, 59.100, 71.909

84, 25.067,
269.303

52, 62.922, 69.431

85, 22.556,
259.396

52, 63.741, 68.904

87, 20.845,
247.595

89, 20.112,
234.479

Harmonies

Complementary

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



69, 11.617, 82.570



66, 11.386, 267.394

Rectangle

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



69, 11.617, 82.570



69, 11.617, 132.570



69, 11.617, 262.570



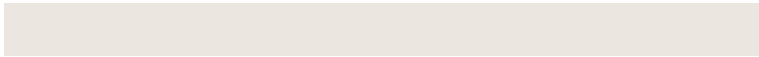
69, 11.617, 312.570

Sweetspot

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



69, 11.618, 82.581



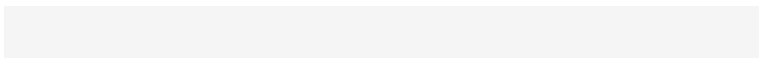
91, 3.968, 84.144



64, 14.413, 350.030



48, 2.709, 84.067



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, 11.618, 82.581



87, 17.118, 82.118



72, 17.297, 111.981



37, 3.626, 83.649



45, 56.555, 69.371



5, 7.930, 73.473

Inverse Universe

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



66, 11.386, 267.394



82, 16.697, 267.983



62, 18.003, 295.123



36, 3.596, 266.131



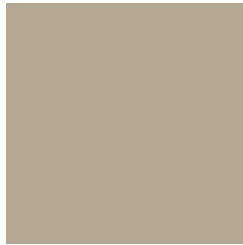
29, 58.120, 291.361



3, 9.541, 272.671

Previews

White Background



This preview shows how the CIELCh color 69, 11.617, 82.570 looks on a white background.

Color Contrast Check

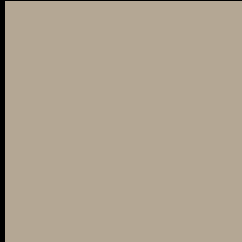
Large Text (above 18pt) WCAG AA × Fail

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, 11.617, 82.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

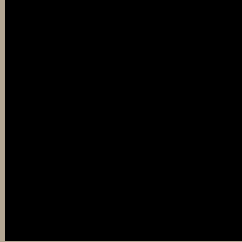
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 11.617, 82.570

Background



This preview shows how black text looks on a background with the CIELCh color 69, 11.617, 82.570.



This preview shows how white text looks on a background with the CIELCh color 69, 11.617, 82.570.

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, 11.617, 82.570

Protanopia

69, 11.378, 92.815

Deuteranopia

69, 14.080, 50.422



Tritanopia
69, 10.049, 339.420

Trichromacy



Original Color
69, 11.617, 82.570

Protanomaly
69, 11.496, 90.896

Deuteranomaly
69, 12.699, 60.019

Tritanomaly
69, 6.963, 15.467

Monochromacy



Original Color
69, 11.617, 82.570

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.114, 87.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 11.617, 82.570 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, 167, 148)` looks like.

```
.text, #text, p{  
    color:rgb(180, 167, 148)  
}
```

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, 167, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 167, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 11.617, 82.570 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, 167, 148) }
```

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

```
.border{ border-color:rgb(180, 167, 148) }
```

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

Here you see how a box with a 4 pixel rgb(180, 167, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 167, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 167, 148);  
box-shadow:4px 4px 4px 4px rgb(180, 167,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 11.617, 82.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 167, 148) }
```

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

```
.background{ background-color: rgb(180,  
167, 148) }
```

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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