

Converting Colors

CIELCh(69, 17.663, 69.031)

Have a look what the booklet for
CIELCh(69, 17.663, 69.031) contains.

CIELCh(69, 17.698, 70.030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 17.698, 70.030)

Conversions

Conversions Part 1

Format	Color
Hex	BFA48B
RGB	191, 164, 139
RGB Percent	75%, 64%, 55%
CMY	0.2521, 0.3580, 0.4560
CMYK	0.00, 0.14, 0.27, 0.25
HSL	29°, 29%, 65%
HSV	29°, 27%, 75%
XYZ	39.2772, 39.3444, 29.8454
YIQ	169.2230, 24.1170, -2.0510

Conversions

Conversions Part 2

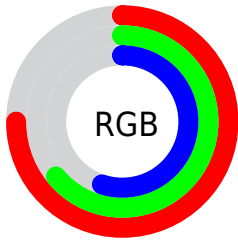
Format	Color
RYB	191, 187, 139
Decimal	12559499
CIELab	69.00, 6.04, 16.63
CIELCh	69, 17.698, 70.030
Yxy	39.3444, 0.3621, 0.3627
Android (android.graphics.Color)	4290749579 (0xFFBFA48B)
YUV	169.2230, -14.8999, 19.0984
Hunter-Lab	62.7251, 2.0041, 15.6967

Details

The CIELCh color $69, 17.698, 70.030$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $67, 16.290, 257.404$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 17.547, 69.725$, and $49, 17.663, 69.031$ is the 20% darker color. If you saturate the color by 10%, you get $66, 24.813, 68.832$, and if you desaturate by 10%, it is $72, 10.926, 71.233$.

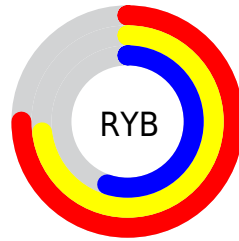
Distribution



Red (75%)

Green (64%)

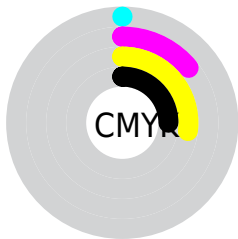
Blue (55%)



Red (75%)

Yellow (73%)

Blue (55%)

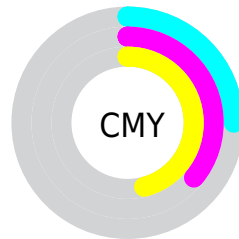


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (25%)



Cyan (25%)

Magenta (36%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 17.698, 70.030 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, 17.698, 70.030 by changing the saturation by 10% instead.

■ 69, 17.698, 70.030

■ 69, 17.698, 70.030

■ 100, 17.698,
70.030

■ 59, 17.698, 70.030

■ 89, 17.698, 70.030

■ 49, 17.698, 70.030

■ 99, 17.698, 70.030

■ 39, 17.698, 70.030

■ 29, 17.698, 70.030

■ 19, 17.698, 70.030

■ 9, 17.698, 70.030

■ 0, 17.698, 70.030

■ 69, 17.698, 70.030

■ 69, 17.698, 70.030

■ 66, 24.813, 68.832

■ 72, 10.926, 71.233

63, 32.263, 67.620

75, 4.480, 72.382

61, 39.998, 66.397

78, 1.665, 253.863

58, 47.873, 65.124

81, 7.539, 254.840

55, 55.569, 63.711

84, 13.171,
255.937

53, 62.467, 61.956

87, 18.590,
257.008

51, 67.725, 59.572

90, 17.528,
239.608

50, 69.111, 58.954

93, 17.855,
218.996

95, 20.176,
201.377

Harmonies

Complementary

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



69, 17.698, 70.030



67, 16.290, 257.404

Rectangle

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



69, 17.698, 70.030



69, 17.698, 120.030



69, 17.698, 250.030



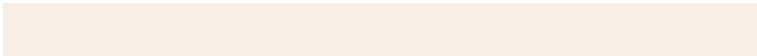
69, 17.698, 300.030

Sweetspot

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



69, 17.698, 70.038



94, 6.115, 72.287



64, 25.068, 344.275



50, 4.398, 72.117



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 17.698, 70.038



85, 26.892, 69.282



76, 26.747, 106.123



38, 3.488, 72.152



42, 59.964, 59.533



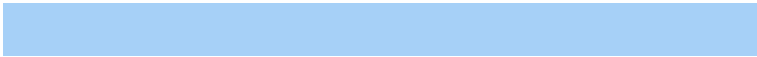
6, 10.045, 57.491

Inverse Universe

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



67, 16.290, 257.404



82, 24.223, 258.642



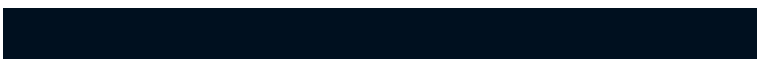
60, 28.410, 292.137



38, 3.404, 254.567



35, 48.059, 281.526



4, 11.334, 266.817

Previews

White Background



This preview shows how the CIELCh color 69, 17.698, 70.030 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, 17.698, 70.030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

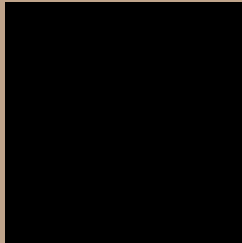
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 17.698, 70.030

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.698, 70.030.

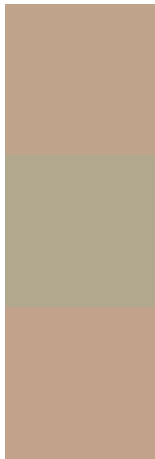


This preview shows how white text looks on a background with the CIELCh color 69, 17.698, 70.030.

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, 17.698, 70.030

Protanopia

69, 15.287, 93.333

Deuteranopia

69, 18.660, 62.208



Tritanopia
69, 15.291, 355.498

Trichromacy



Original Color
69, 17.698, 70.030

Protanomaly
69, 15.840, 82.820

Deuteranomaly
69, 18.134, 66.012

Tritanomaly
69, 12.667, 25.420

Monochromacy



Original Color
69, 17.698, 70.030

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.266, 71.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.698, 70.030 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(191, 164, 139)` looks like.

```
.text, #text, p{  
    color:rgb(191, 164, 139)  
}
```

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(191, 164, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 164, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.698, 70.030 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(191, 164, 139) }
```

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

```
.border{ border-color:rgb(191, 164, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 164, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 164, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 164, 139);  
box-shadow:4px 4px 4px 4px rgb(191, 164,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.698, 70.030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 164, 139) }
```

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

```
.background{ background-color: rgb(191,  
164, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor