

Converting Colors

CIELCh(69, 17.302, 96.844)

Have a look what the booklet for
CIELCh(69, 17.302, 96.844) contains.

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Color

CIELCh(69, 17.310, 96.220)

Conversions

Conversions Part 1

Format	Color
Hex	B1A889
RGB	177, 168, 137
RGB Percent	69%, 66%, 54%
CMY	0.3044, 0.3397, 0.4614
CMYK	0.00, 0.05, 0.23, 0.30
HSL	47°, 20%, 62%
HSV	47°, 23%, 70%
XYZ	36.8243, 39.3444, 29.4513
YIQ	167.1570, 15.3150, -7.7330

Conversions

Conversions Part 2

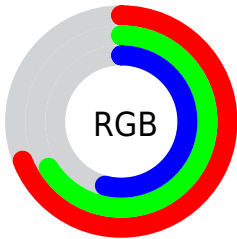
Format	Color
RYB	149, 177, 137
Decimal	11643017
CIELab	69.00, -1.88, 17.21
CIElCh	69, 17.310, 96.220
Yxy	39.3444, 0.3486, 0.3725
Android (android.graphics.Color)	4289833097 (0xFFB1A889)
YUV	167.1570, -14.8674, 8.6323
Hunter-Lab	62.7251, -4.9761, 16.0691

Details

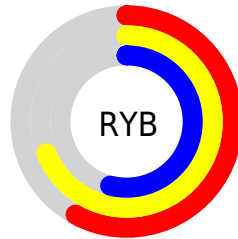
The CIELCh color $69, 17.310, 96.220$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $61, 17.662, 281.878$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 17.514, 96.178$, and $49, 17.268, 96.030$ is the 20% darker color. If you saturate the color by 10%, you get $68, 25.059, 95.010$, and if you desaturate by 10%, it is $70, 9.593, 97.407$.

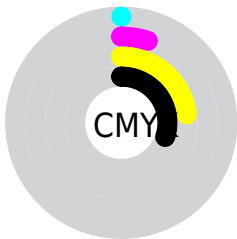
Distribution



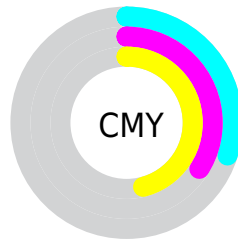
- Red (69%)
- Green (66%)
- Blue (54%)



- Red (58%)
- Yellow (69%)
- Blue (54%)



- Cyan (0%)
- Magenta (5%)
- Yellow (23%)
- Black (30%)



- Cyan (30%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 17.310, 96.220 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, 17.310, 96.220 by changing the saturation by 10% instead.

■ 69, 17.310, 96.220

■ 69, 17.310, 96.220

■ 100, 17.310,
96.220

■ 59, 17.310, 96.220

■ 89, 17.310, 96.220

■ 49, 17.310, 96.220

■ 99, 17.310, 96.220

■ 39, 17.310, 96.220

■ 29, 17.310, 96.220

■ 19, 17.310, 96.220

■ 9, 17.310, 96.220

■ 0, 17.310, 96.220

■ 69, 17.310, 96.220

■ 69, 17.310, 96.220

■ 68, 25.059, 95.010

■ 70, 9.593, 97.407

66, 32.773, 93.765

72, 1.939, 98.494

65, 40.333, 92.498

73, 5.633, 279.711

64, 47.535, 91.206

75, 13.116,
280.759

62, 54.041, 89.879

77, 20.509,
281.771

61, 59.342, 88.483

60, 62.828, 86.953

78, 27.814,
282.736

59, 64.421, 85.733

80, 31.656,
282.163

81, 29.715,
278.733

82, 27.891,
274.868

Harmonies

Complementary

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



69, 17.310, 96.220



61, 17.662, 281.878

Rectangle

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



69, 17.310, 96.220



69, 17.310, 146.220



69, 17.310, 276.220



69, 17.310, 326.220

Sweetspot

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



69, 17.311, 96.226



90, 6.569, 98.026



61, 16.728, 3.061



47, 4.266, 97.962



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 17.311, 96.226



86, 25.589, 95.635



71, 22.064, 119.183



37, 4.339, 97.778



52, 57.830, 85.963



6, 9.542, 92.663

Inverse Universe

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



61, 17.662, 281.878



74, 26.240, 282.679



59, 23.083, 302.079



35, 4.380, 280.003



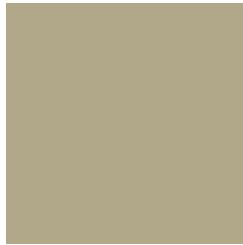
22, 76.655, 301.155



2, 11.097, 281.938

Previews

White Background



This preview shows how the CIELCh color 69, 17.310, 96.220 looks on a white background.

Color Contrast Check

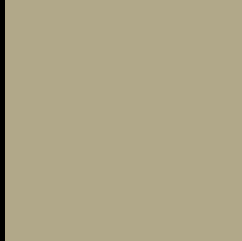
Large Text (above 18pt) WCAG AA × Fail

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, 17.310, 96.220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

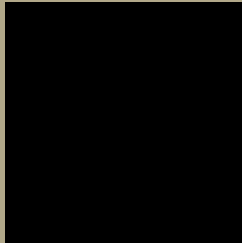
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

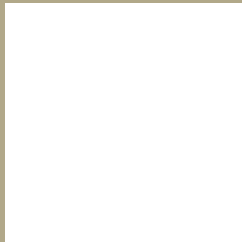
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 17.310, 96.220

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.310, 96.220.



This preview shows how white text looks on a background with the CIELCh color 69, 17.310, 96.220.

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, 17.310, 96.220

Protanopia

69, 17.403, 94.901

Deuteranopia

69, 18.660, 62.208



Tritanopia
69, 10.139, 335.618

Trichromacy



Original Color
69, 17.310, 96.220

Protanomaly
69, 17.403, 94.901

Deuteranomaly
69, 17.629, 73.114

Tritanomaly
69, 6.033, 35.573

Monochromacy



Original Color
69, 17.310, 96.220

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.121, 98.587

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.310, 96.220 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(177, 168, 137)` looks like.

```
.text, #text, p{  
    color:rgb(177, 168, 137)  
}
```

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(177, 168, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 168, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.310, 96.220 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(177, 168, 137) }
```

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

```
.border{ border-color:rgb(177, 168, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 168, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 168, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 168, 137);  
box-shadow:4px 4px 4px 4px rgb(177, 168,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.310, 96.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 168, 137) }
```

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

```
.background{ background-color: rgb(177,  
168, 137) }
```

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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