

Converting Colors

CIELCh(69, 16.320, 83.574)

Have a look what the booklet for
CIELCh(69, 16.320, 83.574) contains.

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Color

CIELCh(69, 16.339, 83.558)

Conversions

Conversions Part 1

Format	Color
Hex	B7A68B
RGB	183, 166, 139
RGB Percent	72%, 65%, 55%
CMY	0.2813, 0.3479, 0.4539
CMYK	0.00, 0.09, 0.24, 0.28
HSL	37°, 23%, 63%
HSV	37°, 24%, 72%
XYZ	37.9598, 39.3444, 30.1205
YIQ	168.0050, 18.7990, -4.7930

Conversions

Conversions Part 2

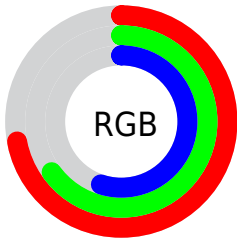
Format	Color
R_{YB}	167, 183, 139
Decimal	12035723
CIE _{Lab}	69.00, 1.83, 16.24
CIE _{LCh}	69, 16.339, 83.558
Yxy	39.3444, 0.3534, 0.3663
Android (android.graphics.Color)	4290225803 (0xFFB7A68B)
YUV	168.0050, -14.2995, 13.1506
Hunter-Lab	62.7251, -1.7448, 15.4366

Details

The CIELCh color **69, 16.339, 83.558** is a light color, and the websafe version is hex **999966**. A complement of this color would be **64, 15.988, 270.229**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.078, 83.700**, and **49, 16.311, 82.329** is the 20% darker color. If you saturate the color by 10%, you get **67, 23.463, 82.226**, and if you desaturate by 10%, it is **71, 9.400, 84.862**.

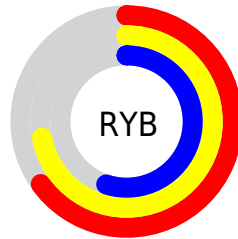
Distribution



Red (72%)

Green (65%)

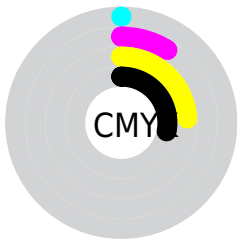
Blue (55%)



Red (65%)

Yellow (72%)

Blue (55%)

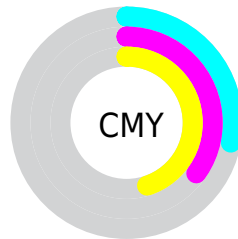


Cyan (0%)

Magenta (9%)

Yellow (24%)

Black (28%)



Cyan (28%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 16.339, 83.558 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, 16.339, 83.558 by changing the saturation by 10% instead.

■ 69, 16.339, 83.558

■ 69, 16.339, 83.558

■ 100, 16.339,
83.558

■ 59, 16.339, 83.558

■ 89, 16.339, 83.558

■ 49, 16.339, 83.558

■ 99, 16.339, 83.558

■ 39, 16.339, 83.558

■ 29, 16.339, 83.558

■ 19, 16.339, 83.558

■ 9, 16.339, 83.558

■ 0, 16.339, 83.558

■ 69, 16.339, 83.558

■ 69, 16.339, 83.558

■ 67, 23.463, 82.226

■ 71, 9.400, 84.862

65, 30.741, 80.846

74, 2.650, 86.059

63, 38.096, 79.422

76, 3.916, 267.447

60, 45.371, 77.931

78, 10.311,
268.581

59, 52.259, 76.318

81, 16.547,
269.696

57, 58.228, 74.469

55, 62.519, 72.182

83, 22.641,
270.765

54, 64.498, 70.685

85, 22.710,
264.706

87, 20.645,
253.699

89, 19.459,
240.962

Harmonies

Complementary

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



69, 16.339, 83.558



64, 15.988, 270.229

Rectangle

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



69, 16.339, 83.558



69, 16.339, 133.558



69, 16.339, 263.558



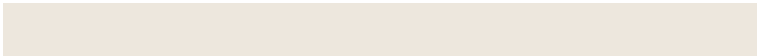
69, 16.339, 313.558

Sweetspot

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



69, 16.340, 83.566



92, 5.728, 85.714



63, 19.721, 351.758



49, 3.756, 85.643



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 16.340, 83.566



86, 24.513, 82.839



73, 23.672, 112.168



38, 3.779, 85.446



46, 57.110, 71.135



6, 9.258, 74.251

Inverse Universe

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



64, 15.988, 270.229



78, 23.855, 271.240



60, 25.010, 296.403



37, 3.756, 267.924



28, 61.024, 292.811



3, 11.311, 275.019

Previews

White Background



This preview shows how the CIELCh color 69, 16.339, 83.558 looks on a white background.

Color Contrast Check

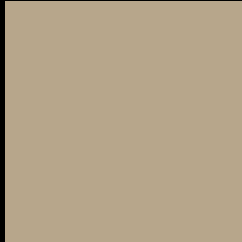
Large Text (above 18pt) WCAG AA × Fail

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, 16.339, 83.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

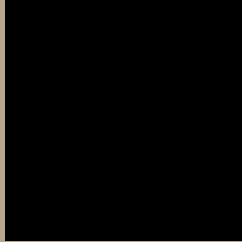
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 16.339, 83.558

Background



This preview shows how black text looks on a background with the CIELCh color 69, 16.339, 83.558.



This preview shows how white text looks on a background with the CIELCh color 69, 16.339, 83.558.

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, 16.339, 83.558

Protanopia

69, 15.815, 93.770

Deuteranopia

69, 18.267, 61.063



Tritanopia
69, 12.504, 345.871

Trichromacy



Original Color
69, 16.339, 83.558

Protanomaly
69, 15.679, 88.999

Deuteranomaly
69, 17.260, 69.002

Tritanomaly
69, 9.045, 27.064

Monochromacy



Original Color
69, 16.339, 83.558

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.613, 80.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 16.339, 83.558 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(183, 166, 139)` looks like.

```
.text, #text, p{  
    color:rgb(183, 166, 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(183, 166, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 166, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 16.339, 83.558 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(183, 166, 139) }
```

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

```
.border{ border-color:rgb(183, 166, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 166, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 166, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 166, 139);  
box-shadow:4px 4px 4px 4px rgb(183, 166,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 16.339, 83.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 166, 139) }
```

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

```
.background{ background-color: rgb(183,  
166, 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](#).

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