

Converting Colors

CIELCh(69, 32.490, 90.882)

Have a look what the booklet for
CIELCh(69, 32.490, 90.882) contains.

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Color

CIELCh(69, 32.764, 90.924)

Conversions

Conversions Part 1

Format	Color
Hex	BCA76D
RGB	188, 167, 109
RGB Percent	74%, 65%, 43%
CMY	0.2634, 0.3457, 0.5732
CMYK	0.00, 0.11, 0.42, 0.26
HSL	44°, 37%, 58%
HSV	44°, 42%, 74%
XYZ	37.2341, 39.3444, 20.0542
YIQ	166.6670, 31.1340, -13.5860

Conversions

Conversions Part 2

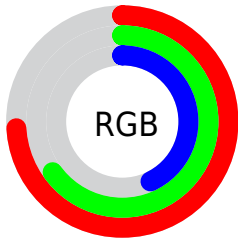
Format	Color
RYB	138, 188, 109
Decimal	12363629
CIELab	69.00, -0.53, 32.76
CIElCh	69, 32.764, 90.924
Yxy	39.3444, 0.3853, 0.4072
Android (android.graphics.Color)	4290553709 (0xFFBCA76D)
YUV	166.6670, -28.4298, 18.7090
Hunter-Lab	62.7251, -3.8100, 24.9516

Details

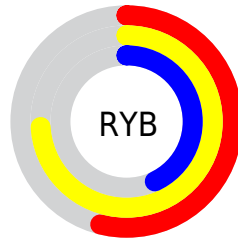
The CIELCh color **69, 32.764, 90.924** is a light color, and the websafe version is hex **999966**. A complement of this color would be **55, 33.669, 282.985**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 32.846, 91.275**, and **49, 32.715, 90.829** is the 20% darker color. If you saturate the color by 10%, you get **67, 40.545, 89.596**, and if you desaturate by 10%, it is **71, 24.891, 92.227**.

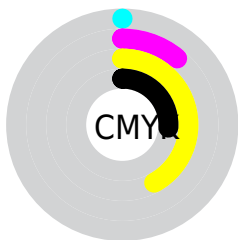
Distribution



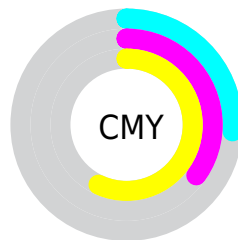
- Red (74%)
- Green (65%)
- Blue (43%)



- Red (54%)
- Yellow (74%)
- Blue (43%)



- Cyan (0%)
- Magenta (11%)
- Yellow (42%)
- Black (26%)



- Cyan (26%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 32.764, 90.924 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, 32.764, 90.924 by changing the saturation by 10% instead.

69, 32.764, 90.924

69, 32.764, 90.924

100, 32.764,
90.924

59, 32.764, 90.924

89, 32.764, 90.924

49, 32.764, 90.924

99, 32.764, 90.924

39, 32.764, 90.924

29, 32.764, 90.924

19, 32.764, 90.924

9, 32.764, 90.924

0, 32.764, 90.924

69, 32.764, 90.924

69, 32.764, 90.924

67, 40.545, 89.596

71, 24.891, 92.227

66, 48.035, 88.224

72, 17.032, 93.492

64, 54.898, 86.791

74, 9.244, 94.713

63, 60.603, 85.246

76, 1.555, 95.803

62, 64.472, 83.493

78, 6.025, 277.099

61, 66.311, 81.945

79, 13.492,
278.179

81, 20.851,
279.220

83, 26.017,
278.901

84, 23.791,
273.301

Harmonies

Complementary

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



69, 32.764, 90.924



55, 33.669, 282.985

Rectangle

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



69, 32.764, 90.924



69, 32.764, 140.924



69, 32.764, 270.924



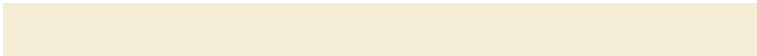
69, 32.764, 320.924

Sweetspot

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



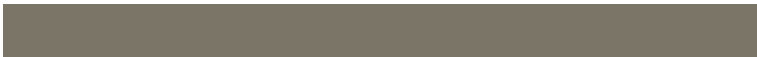
69, 32.765, 90.928



94, 12.378, 94.574



55, 33.989, 3.539



49, 8.672, 94.307



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 32.765, 90.928



86, 48.314, 89.762



73, 42.272, 116.601



39, 4.354, 95.033



52, 58.432, 82.261



8, 11.895, 86.954

Inverse Universe

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



55, 33.669, 282.985



65, 50.233, 285.040



51, 46.537, 302.776



37, 4.382, 277.349



24, 74.700, 299.564



2, 14.214, 281.729

Previews

White Background



This preview shows how the CIELCh color 69, 32.764, 90.924 looks on a white background.

Color Contrast Check

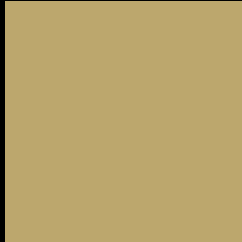
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 69, 32.764, 90.924 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, 32.764, 90.924

Background



This preview shows how black text looks on a background with the CIELCh color 69, 32.764, 90.924.



This preview shows how white text looks on a background with the CIELCh color 69, 32.764, 90.924.

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, 32.764, 90.924

Protanopia

69, 32.582, 95.497

Deuteranopia

69, 33.631, 74.475



Tritanopia
69, 14.941, 354.809

Trichromacy



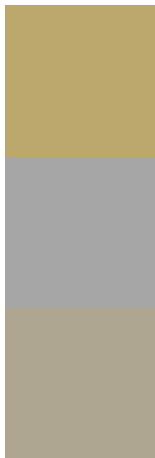
Original Color
69, 32.764, 90.924

Protanomaly
69, 32.778, 94.022

Deuteranomaly
69, 32.630, 80.392

Tritanomaly
69, 14.394, 52.201

Monochromacy



Original Color
69, 32.764, 90.924

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 11.932, 93.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 32.764, 90.924 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(188, 167, 109)` looks like.

```
.text, #text, p{  
    color:rgb(188, 167, 109)  
}
```

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(188, 167, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 167, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 32.764, 90.924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

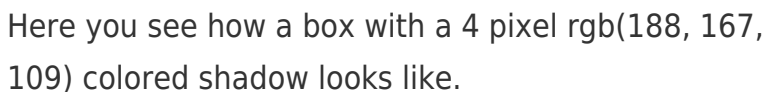
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 167, 109) }
```

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

```
.border{ border-color:rgb(188, 167, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 167, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 167, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 167, 109);  
box-shadow:4px 4px 4px 4px rgb(188, 167,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 32.764, 90.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 167, 109) }
```

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

```
.background{ background-color: rgb(188,  
167, 109) }
```

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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