

Converting Colors

CIELCh(69, 36.468, 90.683)

Have a look what the booklet for
CIELCh(69, 36.468, 90.683) contains.

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Color

CIELCh(69, 36.572, 90.679)

Conversions

Conversions Part 1

Format	Color
Hex	BEA766
RGB	190, 167, 102
RGB Percent	75%, 65%, 40%
CMY	0.2565, 0.3466, 0.6014
CMYK	0.00, 0.12, 0.46, 0.26
HSL	44°, 40%, 57%
HSV	44°, 46%, 74%
XYZ	37.2631, 39.3444, 18.1067
YIQ	166.4670, 34.5730, -15.3390

Conversions

Conversions Part 2

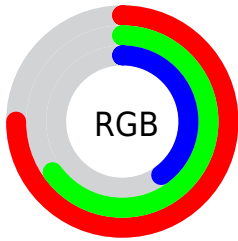
Format	Color
RYB	133, 190, 102
Decimal	12494694
CIELab	69.00, -0.43, 36.57
CIELCh	69, 36.572, 90.679
Yxy	39.3444, 0.3934, 0.4154
Android (android.graphics.Color)	4290684774 (0xFFBEA766)
YUV	166.4670, -31.7822, 20.6384
Hunter-Lab	62.7251, -3.7274, 26.7925

Details

The CIELCh color **69, 36.572, 90.679** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **53, 37.871, 284.264**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 36.638, 90.585**, and **49, 36.568, 90.255** is the 20% darker color. If you saturate the color by 10%, you get **67, 44.328, 89.341**, and if you desaturate by 10%, it is **71, 28.643, 91.992**.

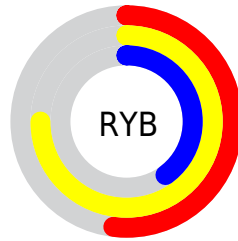
Distribution



Red (75%)

Green (65%)

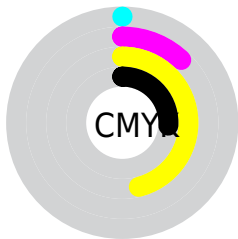
Blue (40%)



Red (52%)

Yellow (75%)

Blue (40%)

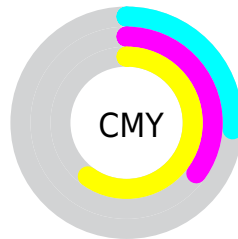


Cyan (0%)

Magenta (12%)

Yellow (46%)

Black (26%)



Cyan (26%)

Magenta (35%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 36.572, 90.679 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, 36.572, 90.679 by changing the saturation by 10% instead.

■ 69, 36.572, 90.679

■ 69, 36.572, 90.679

■ 100, 36.572,
90.679

■ 59, 36.572, 90.679

■ 89, 36.572, 90.679

■ 49, 36.572, 90.679

■ 99, 36.572, 90.679

■ 39, 36.572, 90.679

■ 29, 36.572, 90.679

■ 19, 36.572, 90.679

■ 9, 36.572, 90.679

■ 0, 36.572, 90.679

■ 69, 36.572, 90.679

■ 69, 36.572, 90.679

■ 67, 44.328, 89.341

■ 71, 28.643, 91.992

66, 51.653, 87.954

72, 20.682, 93.268

65, 58.125, 86.492

74, 12.768, 94.506

63, 63.127, 84.887

76, 4.940, 95.688

62, 66.040, 83.035

77, 2.784, 276.954

61, 66.857, 82.347

79, 10.397,
278.021

81, 17.901,
279.079

83, 25.298,
280.091

84, 23.882,
275.245

Harmonies

Complementary

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



69, 36.572, 90.679



53, 37.871, 284.264

Rectangle

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



69, 36.572, 90.679



69, 36.572, 140.679



69, 36.572, 270.679



69, 36.572, 320.679

Sweetspot

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



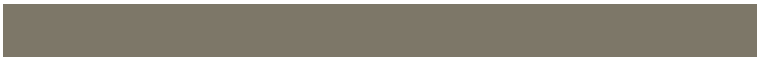
69, 36.573, 90.683



94, 13.514, 94.768



54, 37.891, 4.354



50, 9.420, 94.503



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, 36.573, 90.683



86, 54.615, 89.269



74, 46.737, 116.351



39, 4.375, 95.348



52, 58.506, 82.672



8, 11.961, 87.452

Inverse Universe

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



53, 37.871, 284.264



62, 57.583, 286.911



49, 52.100, 303.244



37, 4.404, 277.656



24, 75.159, 299.763



2, 14.266, 281.913

Previews

White Background



This preview shows how the CIELCh color 69, 36.572, 90.679 looks on a white background.

Color Contrast Check

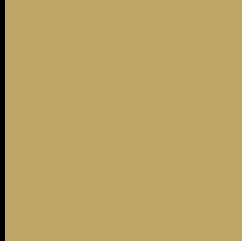
Large Text (above 18pt) WCAG AA × Fail

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, 36.572, 90.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

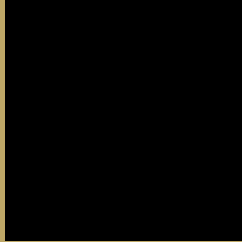
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 36.572, 90.679

Background



This preview shows how black text looks on a background with the CIELCh color 69, 36.572, 90.679.



This preview shows how white text looks on a background with the CIELCh color 69, 36.572, 90.679.

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, 36.572, 90.679

Protanopia

69, 36.656, 96.261

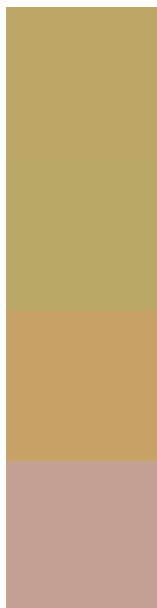
Deuteranopia

69, 37.161, 76.414



Tritanopia
69, 16.220, 355.014

Trichromacy



Original Color
69, 36.572, 90.679

Protanomaly
69, 36.460, 94.142

Deuteranomaly
69, 36.451, 81.214

Tritanomaly
69, 15.797, 51.446

Monochromacy



Original Color
69, 36.572, 90.679

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 13.099, 92.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 36.572, 90.679 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(190, 167, 102)` looks like.

```
.text, #text, p{  
    color:rgb(190, 167, 102)  
}
```

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(190, 167, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 167, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 36.572, 90.679 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(190, 167, 102) }
```

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

```
.border{ border-color:rgb(190, 167, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 167, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 167, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 167, 102);  
box-shadow:4px 4px 4px 4px rgb(190, 167,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 36.572, 90.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 167, 102) }
```

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

```
.background{ background-color: rgb(190,  
167, 102) }
```

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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