

Converting Colors

CIELCh(69, 32.634, 107.697)

Have a look what the booklet for
CIELCh(69, 32.634, 107.697)
contains.

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Color

CIELCh(69, 32.828, 107.544)

Conversions

Conversions Part 1

Format	Color
Hex	ABAC6F
RGB	171, 172, 111
RGB Percent	67%, 67%, 44%
CMY	0.3292, 0.3252, 0.5645
CMYK	0.01, 0.00, 0.35, 0.33
HSL	61°, 27%, 56%
HSV	61°, 35%, 67%
XYZ	34.4467, 39.3444, 20.8353
YIQ	164.7470, 18.9850, -19.1830

Conversions

Conversions Part 2

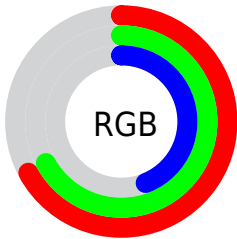
Format	Color
RYB	111, 172, 112
Decimal	11250799
CIELab	69.00, -9.90, 31.30
CIELCh	69, 32.828, 107.544
Yxy	39.3444, 0.3640, 0.4158
Android (android.graphics.Color)	4289440879 (0xFFABAC6F)
YUV	164.7470, -26.4973, 5.4839
Hunter-Lab	62.7251, -11.7423, 24.2133

Details

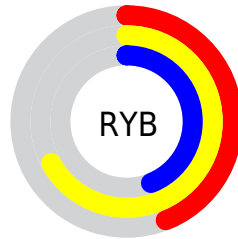
The CIELCh color $69, 32.828, 107.544$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $49, 35.832, 295.180$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 32.870, 107.442$, and $49, 32.900, 107.386$ is the 20% darker color. If you saturate the color by 10%, you get $69, 41.615, 106.663$, and if you desaturate by 10%, it is $69, 23.739, 108.465$.

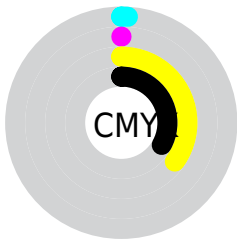
Distribution



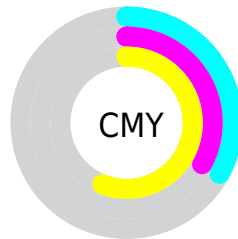
- Red (67%)
- Green (67%)
- Blue (44%)



- Red (44%)
- Yellow (67%)
- Blue (44%)



- Cyan (1%)
- Magenta (0%)
- Yellow (35%)
- Black (33%)



- Cyan (33%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 32.828, 107.544 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, 32.828, 107.544 by changing the saturation by 10% instead.

 69, 32.828,
107.544

 69, 32.828,
107.544


 100, 32.828,
107.544


 59, 32.828,
107.544

 89, 32.828,
107.544

 49, 32.828,
107.544

 99, 32.828,
107.544

 39, 32.828,
107.544

 29, 32.828,
107.544

 19, 32.828,
107.544

 9, 32.828, 107.544

 0, 32.828, 107.544

69, 32.828,
107.544

69, 32.828,
107.544

69, 41.615,
106.663

69, 23.739,
108.465

69, 49.900,
105.841

70, 14.474,
109.395

68, 57.397,
105.115

70, 5.115, 110.316

68, 63.717,
104.528

71, 4.282, 291.250

68, 68.427,
104.122

71, 13.682,
292.128

68, 71.232,
103.923

72, 23.058,
292.980

68, 72.184,
103.866

72, 32.394,
293.797

73, 41.674,
294.574

■ 73, 45.047,
294.916

Harmonies

Complementary

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



69, 32.828, 107.544



49, 35.832, 295.180

Rectangle

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



69, 32.828, 107.544



69, 32.828, 157.544



69, 32.828, 287.544



69, 32.828, 337.544

Sweetspot

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



69, 32.829, 107.547



89, 12.798, 109.790



53, 26.224, 22.556



47, 8.586, 109.669



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 32.829, 107.547



87, 48.969, 106.809



67, 35.307, 127.433



37, 5.342, 109.964



60, 65.393, 103.855



7, 11.349, 111.134

Inverse Universe

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



49, 35.832, 295.180



58, 54.885, 296.589



52, 37.104, 310.797



33, 5.458, 291.747



17, 90.180, 306.349



1, 11.349, 290.706

Previews

White Background



This preview shows how the CIELCh color 69, 32.828, 107.544 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, 32.828, 107.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

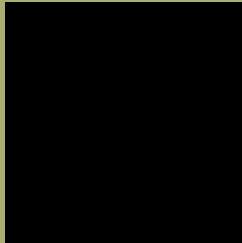
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 32.828, 107.544

Background



This preview shows how black text looks on a background with the CIELCh color 69, 32.828, 107.544.



This preview shows how white text looks on a background with the CIELCh color 69, 32.828, 107.544.

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, 32.828, 107.544

Protanopia

69, 32.065, 95.383

Deuteranopia

69, 31.721, 74.472



Tritanopia
69, 9.128, 328.765

Trichromacy



Original Color
69, 32.828, 107.544

Protanomaly
69, 32.169, 99.265

Deuteranomaly
69, 30.871, 86.840

Tritanomaly
69, 8.430, 84.538

Monochromacy



Original Color
69, 32.828, 107.544

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 12.588, 110.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 32.828, 107.544 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(171, 172, 111)` looks like.

```
.text, #text, p{  
    color:rgb(171, 172, 111)  
}
```

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(171, 172, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 172, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 32.828, 107.544 is called "border". The border property can be set on classes, ids or directly on the HTML element.

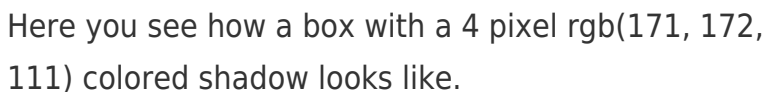
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 172, 111) }
```

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

```
.border{ border-color:rgb(171, 172, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 172, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 172, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 172, 111); box-shadow:4px 4px 4px 4px rgb(171, 172, 111) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 32.828, 107.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 172, 111) }
```

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

```
.background{ background-color: rgb(171,  
172, 111) }
```

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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