

Converting Colors

CIELCh(69, 32.510, 132.194)

Have a look what the booklet for
CIELCh(69, 32.510, 132.194)
contains.

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Color

CIELCh(69, 32.246, 132.087)

Conversions

Conversions Part 1

Format	Color
Hex	90B27C
RGB	144, 178, 124
RGB Percent	56%, 70%, 49%
CMY	0.4344, 0.3010, 0.5129
CMYK	0.19, 0.00, 0.30, 0.30
HSL	98°, 26%, 59%
HSV	98°, 30%, 70%
XYZ	31.1603, 39.3444, 25.0937
YIQ	161.6780, -2.9300, -24.0020

Conversions

Conversions Part 2

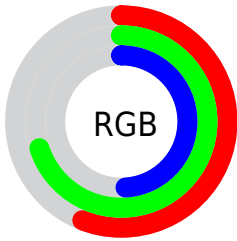
Format	Color
RYB	124, 178, 158
Decimal	9482876
CIELab	69.00, -21.61, 23.93
CIELCh	69, 32.246, 132.087
Yxy	39.3444, 0.3260, 0.4116
Android (android.graphics.Color)	4287672956 (0xFF90B27C)
YUV	161.6780, -18.5753, -15.5036
Hunter-Lab	62.7251, -21.0944, 20.1881

Details

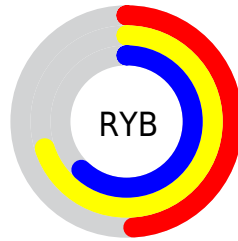
The CIELCh color **69, 32.246, 132.087** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57, 33.199, 314.764**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 32.386, 132.427**, and **49, 31.830, 131.989** is the 20% darker color. If you saturate the color by 10%, you get **68, 42.689, 131.583**, and if you desaturate by 10%, it is **70, 21.626, 132.581**.

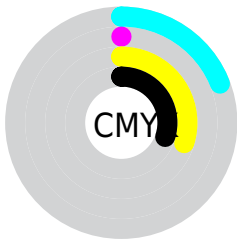
Distribution



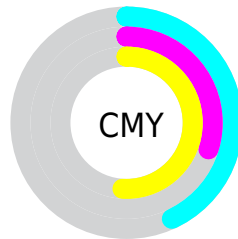
- Red (56%)
- Green (70%)
- Blue (49%)



- Red (49%)
- Yellow (70%)
- Blue (62%)



- Cyan (19%)
- Magenta (0%)
- Yellow (30%)
- Black (30%)





- Cyan (43%)
- Magenta (30%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 32.246, 132.087 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, 32.246, 132.087 by changing the saturation by 10% instead.

 69, 32.246,
132.087


 69, 32.246,
132.087


 100, 32.246,
132.087


 59, 32.246,
132.087


 89, 32.246,
132.087

 49, 32.246,
132.087

 99, 32.246,
132.087

 39, 32.246,
132.087

 29, 32.246,
132.087

 19, 32.246,
132.087

 9, 32.246, 132.087

 0, 32.246, 132.087

69, 32.246,
132.087

69, 32.246,
132.087

68, 42.689,
131.583

70, 21.626,
132.581

67, 52.768,
131.097

71, 10.951,
133.046

66, 62.233,
130.688

73, 0.315, 133.916

66, 70.736,
130.442

74, 10.217,
313.813

65, 77.845,
130.477

76, 20.600,
314.153

65, 83.134,
130.914

77, 30.802,
314.449

64, 86.634,
131.651

79, 40.803,
314.706

80, 44.996,
317.871

■ 81, 46.523,
322.362

Harmonies

Complementary

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



69, 32.246, 132.087



57, 33.199, 314.764

Rectangle

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



69, 32.246, 132.087



69, 32.246, 182.087



69, 32.246, 312.087



69, 32.246, 2.087

Sweetspot

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



69, 32.248, 132.088



91, 11.846, 133.098



66, 20.378, 83.001



48, 8.303, 133.033



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 32.248, 132.088



87, 47.355, 131.769



68, 33.381, 145.604



37, 6.023, 133.091



56, 77.253, 131.474



7, 14.911, 136.175

Inverse Universe

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



57, 33.199, 314.764



69, 49.060, 315.045



59, 33.426, 329.550



35, 6.083, 313.832



26, 82.822, 315.394



2, 14.200, 309.736

Previews

White Background



This preview shows how the CIELCh color 69, 32.246, 132.087 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, 32.246, 132.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

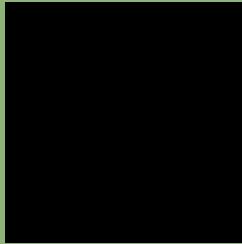
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 32.246, 132.087

Background



This preview shows how black text looks on a background with the CIELCh color 69, 32.246, 132.087.

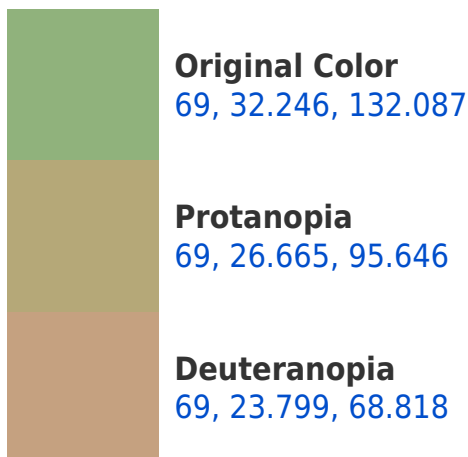


This preview shows how white text looks on a background with the CIELCh color 69, 32.246, 132.087.

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





Tritanopia
69, 9.227, 249.971

Trichromacy



Original Color
69, 32.246, 132.087

Protanomaly
69, 27.099, 110.904

Deuteranomaly
68, 22.290, 96.097

Tritanomaly
69, 11.207, 162.522

Monochromacy



Original Color
69, 32.246, 132.087

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 11.967, 131.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 32.246, 132.087 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(144, 178, 124)` looks like.

```
.text, #text, p{  
    color:rgb(144, 178, 124)  
}
```

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(144, 178, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 178, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 32.246, 132.087 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(144, 178, 124) }
```

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

```
.border{ border-color:rgb(144, 178, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 178, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 178, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 178, 124);  
box-shadow:4px 4px 4px 4px rgb(144, 178,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 32.246, 132.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 178, 124) }
```

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

```
.background{ background-color: rgb(144,  
178, 124) }
```

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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