

Converting Colors

CIELCh(67, 28.264, 129.868)

Have a look what the booklet for
CIELCh(67, 28.264, 129.868)
contains.

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Color

CIELCh(67, 28.357, 129.970)

Conversions

Conversions Part 1

Format	Color
Hex	90AB7B
RGB	144, 171, 123
RGB Percent	56%, 67%, 48%
CMY	0.4341, 0.3282, 0.5165
CMYK	0.16, 0.00, 0.28, 0.33
HSL	94°, 22%, 58%
HSV	94°, 28%, 67%
XYZ	29.7653, 36.6320, 24.3342
YIQ	157.4550, -0.6840, -20.6520

Conversions

Conversions Part 2

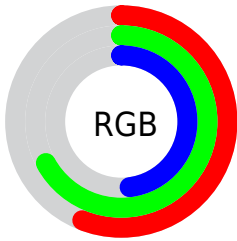
Format	Color
RYB	123, 171, 150
Decimal	9481083
CIELab	67.00, -18.22, 21.73
CIELCh	67, 28.357, 129.970
Yxy	36.6320, 0.3281, 0.4037
Android (android.graphics.Color)	4287671163 (0xFF90AB7B)
YUV	157.4550, -16.9863, -11.8000
Hunter-Lab	60.5244, -18.1329, 18.5291

Details

The CIELCh color $67, 28.357, 129.970$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $56, 29.302, 312.469$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 28.044, 130.149$, and $47, 28.426, 130.074$ is the 20% darker color. If you saturate the color by 10%, you get $66, 38.317, 129.490$, and if you desaturate by 10%, it is $68, 18.255, 130.447$.

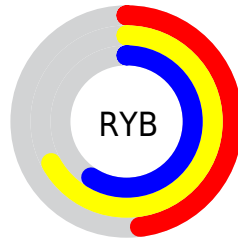
Distribution



Red (56%)

Green (67%)

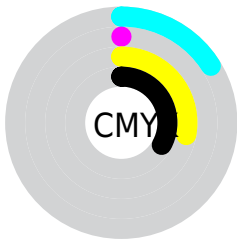
Blue (48%)



Red (48%)

Yellow (67%)

Blue (59%)

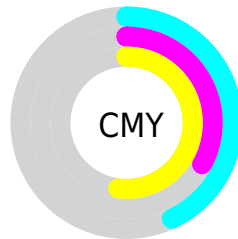


Cyan (16%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (43%)


Magenta (33%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 28.357, 129.970 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 67, 28.357, 129.970 by changing the saturation by 10% instead.

 67, 28.357,
129.970


 67, 28.357,
129.970


 100, 28.357,
129.970


 57, 28.357,
129.970


 87, 28.357,
129.970

 47, 28.357,
129.970

 97, 28.357,
129.970

 37, 28.357,
129.970

 27, 28.357,
129.970

 17, 28.357,
129.970

 7, 28.357, 129.970

 0, 28.357, 129.970

67, 28.357,
129.970

67, 28.357,
129.970

66, 38.317,
129.490

68, 18.255,
130.447

65, 47.977,
129.031

69, 8.113, 130.902

64, 57.124,
128.648

70, 1.993, 311.238

64, 65.454,
128.419

72, 12.007,
311.665

63, 72.576,
128.454

73, 21.892,
312.007

63, 78.070,
128.879

74, 31.622,
312.309

62, 81.819,
129.715

76, 41.178,
312.575

62, 82.488,

77, 47.940,
313.901

129.873

 78, 48.977,
317.578

Harmonies

Complementary

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



67, 28.357, 129.970



56, 29.302, 312.469

Rectangle

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



67, 28.357, 129.970



67, 28.357, 179.970



67, 28.357, 309.970



67, 28.357, 359.970

Sweetspot

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



67, 28.359, 129.971



87, 9.974, 130.897



63, 17.340, 77.065



46, 7.149, 130.831



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 28.359, 129.971



84, 42.353, 129.654



66, 31.336, 143.889



36, 5.779, 130.845



55, 74.843, 129.706



6, 12.466, 133.908

Inverse Universe

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



56, 29.302, 312.469



67, 44.126, 312.786



58, 31.350, 327.351



34, 5.846, 311.599



24, 82.933, 313.592



1, 11.965, 307.922

Previews

White Background



This preview shows how the CIELCh color 67, 28.357, 129.970 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 67, 28.357, 129.970 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 67, 28.357, 129.970

Background



This preview shows how black text looks on a background with the CIELCh color 67, 28.357, 129.970.



This preview shows how white text looks on a background with the CIELCh color 67, 28.357, 129.970.

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
67, 8.295, 259.502

Trichromacy



Original Color
67, 28.357, 129.970

Protanomaly
67, 24.545, 109.536

Deuteranomaly
67, 20.383, 93.925

Tritanomaly
67, 8.821, 159.962

Monochromacy



Original Color
67, 28.357, 129.970

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 10.705, 130.531

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 28.357, 129.970 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, 171, 123)` looks like.

```
.text, #text, p{  
    color:rgb(144, 171, 123)  
}
```

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, 171, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 171, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 28.357, 129.970 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, 171, 123) }
```

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

```
.border{ border-color:rgb(144, 171, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 171, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 171, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 171, 123);  
box-shadow:4px 4px 4px 4px rgb(144, 171,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 28.357, 129.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 171, 123) }
```

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

```
.background{ background-color: rgb(144,  
171, 123) }
```

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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