

Converting Colors

CIELCh(67, 36.284, 123.493)

Have a look what the booklet for
CIELCh(67, 36.284, 123.493)
contains.

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Color

CIELCh(67, 36.661, 123.614)

Conversions

Conversions Part 1

Format	Color
Hex	92AC6B
RGB	146, 172, 107
RGB Percent	57%, 67%, 42%
CMY	0.4278, 0.3258, 0.5807
CMYK	0.15, 0.00, 0.38, 0.33
HSL	84°, 28%, 55%
HSV	84°, 38%, 67%
XYZ	29.2219, 36.6320, 19.4164
YIQ	156.8160, 5.3690, -25.7270

Conversions

Conversions Part 2

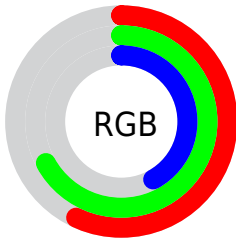
Format	Color
RYB	107, 172, 133
Decimal	9612395
CIELab	67.00, -20.30, 30.53
CIELCh	67, 36.661, 123.614
Yxy	36.6320, 0.3427, 0.4296
Android (android.graphics.Color)	4287802475 (0xFF92AC6B)
YUV	156.8160, -24.5593, -9.4856
Hunter-Lab	60.5244, -19.7357, 23.3466

Details

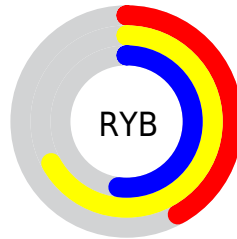
The CIELCh color $67, 36.661, 123.614$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $50, 39.163, 307.685$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 36.441, 123.302$, and $47, 37.034, 123.808$ is the 20% darker color. If you saturate the color by 10%, you get $66, 45.902, 123.156$, and if you desaturate by 10%, it is $68, 27.118, 124.119$.

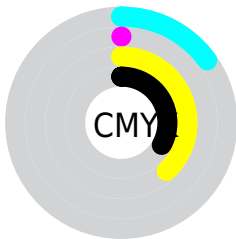
Distribution



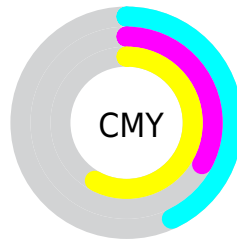
- Red (57%)
- Green (67%)
- Blue (42%)



- Red (42%)
- Yellow (67%)
- Blue (52%)



- Cyan (15%)
- Magenta (0%)
- Yellow (38%)
- Black (33%)





- Cyan (43%)
- Magenta (33%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 36.661, 123.614 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, 36.661, 123.614 by changing the saturation by 10% instead.


 67, 36.661,
123.614


 67, 36.661,
123.614


 100, 36.661,
123.614


 57, 36.661,
123.614


 87, 36.661,
123.614

 47, 36.661,
123.614

 97, 36.661,
123.614

 37, 36.661,
123.614

 27, 36.661,
123.614

 17, 36.661,
123.614

 7, 36.661, 123.614

 0, 36.661, 123.614

67, 36.661,
123.614

67, 36.661,
123.614

66, 45.902,
123.156

68, 27.118,
124.119

66, 54.629,
122.790

69, 17.408,
124.632

65, 62.552,
122.596

70, 7.630, 125.138

65, 69.285,
122.677

71, 2.150, 305.571

64, 74.414,
123.151

72, 11.883,
306.047

64, 77.817,
124.060

73, 21.536,
306.465

64, 78.491,
124.262

74, 31.084,
306.847

75, 40.510,
307.195

■ 76, 46.412,
308.449

Harmonies

Complementary

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



67, 36.661, 123.614



50, 39.163, 307.685

Rectangle

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



67, 36.661, 123.614



67, 36.661, 173.614



67, 36.661, 303.614



67, 36.661, 353.614

Sweetspot

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



67, 36.662, 123.616



88, 13.357, 124.968



59, 22.772, 60.192



46, 8.964, 124.902



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, 36.662, 123.616



85, 53.790, 123.242



65, 42.307, 139.346



36, 5.573, 125.063



56, 71.055, 124.088



6, 12.036, 128.926

Inverse Universe

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



50, 39.163, 307.685



59, 58.418, 308.229



54, 42.580, 323.488



34, 5.662, 305.959



21, 85.802, 310.039



1, 11.663, 302.784

Previews

White Background



This preview shows how the CIELCh color 67, 36.661, 123.614 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 67, 36.661, 123.614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

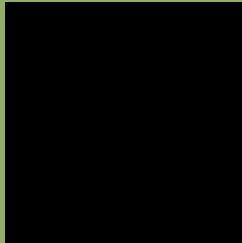
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 36.661, 123.614

Background



This preview shows how black text looks on a background with the CIELCh color 67, 36.661, 123.614.



This preview shows how white text looks on a background with the CIELCh color 67, 36.661, 123.614.

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
67, 36.661, 123.614

Protanopia
67, 33.172, 96.210

Deuteranopia
67, 30.267, 73.629



Tritanopia
67, 7.573, 271.296

Trichromacy



Original Color
67, 36.661, 123.614

Protanomaly
67, 33.526, 106.644

Deuteranomaly
67, 29.130, 94.428

Tritanomaly
67, 9.917, 142.188

Monochromacy



Original Color
67, 36.661, 123.614

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 13.202, 124.492

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 36.661, 123.614 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(146, 172, 107)` looks like.

```
.text, #text, p{  
    color:rgb(146, 172, 107)  
}
```

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(146, 172, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 172, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 36.661, 123.614 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(146, 172, 107) }
```

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

```
.border{ border-color:rgb(146, 172, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 172, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 172, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 172, 107);  
box-shadow:4px 4px 4px 4px rgb(146, 172,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 36.661, 123.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 172, 107) }
```

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

```
.background{ background-color: rgb(146,  
172, 107) }
```

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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