

Converting Colors

CIELCh(67, 33.334, 115.426)

Have a look what the booklet for
CIELCh(67, 33.334, 115.426)
contains.

CIELCh(67, 33.334, 115.426)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 33.334, 115.426)

Conversions

Conversions Part 1

Format	Color
Hex	9DA96C
RGB	157, 169, 108
RGB Percent	62%, 66%, 42%
CMY	0.3843, 0.3372, 0.5764
CMYK	0.07, 0.00, 0.36, 0.34
HSL	72°, 26%, 54%
HSV	72°, 36%, 66%
XYZ	30.8040, 36.6320, 19.6374
YIQ	158.4580, 12.4290, -21.5150

Conversions

Conversions Part 2

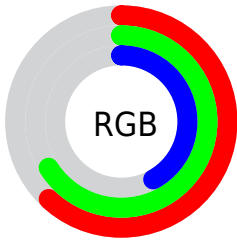
Format	Color
RYB	108, 169, 120
Decimal	10332524
CIELab	67.00, -14.31, 30.11
CIELCh	67, 33.334, 115.426
Yxy	36.6320, 0.3538, 0.4207
Android (android.graphics.Color)	4288522604 (0xFF9DA96C)
YUV	158.4580, -24.8758, -1.2787
Hunter-Lab	60.5244, -15.0697, 23.1301

Details

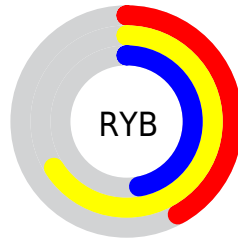
The CIELCh color **67, 33.334, 115.426** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **49, 36.185, 300.960**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 33.319, 115.505**, and **47, 33.474, 115.133** is the 20% darker color. If you saturate the color by 10%, you get **67, 42.105, 114.797**, and if you desaturate by 10%, it is **68, 24.266, 116.101**.

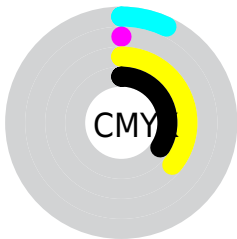
Distribution



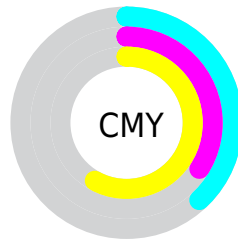
- Red (62%)
- Green (66%)
- Blue (42%)



- Red (42%)
- Yellow (66%)
- Blue (47%)



- Cyan (7%)
- Magenta (0%)
- Yellow (36%)
- Black (34%)





- Cyan (38%)
- Magenta (34%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 33.334, 115.426 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, 33.334, 115.426 by changing the saturation by 10% instead.


 67, 33.334,
115.426


 67, 33.334,
115.426


 100, 33.334,
115.426


 57, 33.334,
115.426


 87, 33.334,
115.426

 47, 33.334,
115.426

 97, 33.334,
115.426

 37, 33.334,
115.426

 27, 33.334,
115.426

 17, 33.334,
115.426

 7, 33.334, 115.426

 0, 33.334, 115.426

■ 67, 33.334,
115.426

■ 67, 33.334,
115.426

■ 67, 42.105,
114.797

■ 68, 24.266,
116.101

■ 66, 50.385,
114.247

■ 68, 15.024,
116.786

■ 66, 57.896,
113.837

■ 69, 5.694, 117.466

■ 65, 64.263,
113.643

■ 70, 3.666, 298.122

■ 65, 69.069,
113.754

■ 70, 13.016,
298.756

■ 65, 72.056,
114.234

■ 71, 22.327,
299.357

■ 65, 73.007,
114.457

■ 72, 31.579,
299.924

■ 73, 40.754,
300.454

■ 74, 47.127,
301.185

Harmonies

Complementary

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



67, 33.334, 115.426



49, 36.185, 300.960

Rectangle

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



67, 33.334, 115.426



67, 33.334, 165.426



67, 33.334, 295.426



67, 33.334, 345.426

Sweetspot

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



67, 33.335, 115.429



87, 12.705, 117.121



55, 22.775, 37.719



46, 8.522, 117.033



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



67, 33.335, 115.429



84, 48.697, 114.938



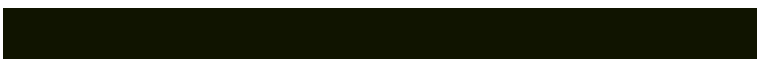
65, 37.289, 133.488



35, 5.270, 117.251



57, 66.155, 114.341



6, 9.728, 120.189

Inverse Universe

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



49, 36.185, 300.960



58, 54.021, 301.817



52, 38.361, 316.727



33, 5.378, 298.522



17, 87.690, 307.351



1, 9.638, 296.808

Previews

White Background



This preview shows how the CIELCh color 67, 33.334, 115.426 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, 33.334, 115.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

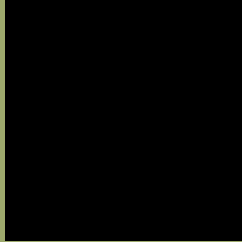
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 33.334, 115.426

Background



This preview shows how black text looks on a background with the CIELCh color 67, 33.334, 115.426.



This preview shows how white text looks on a background with the CIELCh color 67, 33.334, 115.426.

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, 33.334, 115.426

Protanopia

67, 31.614, 95.904

Deuteranopia

67, 30.267, 73.629



Tritanopia
67, 7.366, 302.510

Trichromacy



Original Color
67, 33.334, 115.426

Protanomaly
67, 31.537, 102.976

Deuteranomaly
67, 29.237, 90.128

Tritanomaly
67, 7.746, 115.154

Monochromacy



Original Color
67, 33.334, 115.426

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 12.234, 116.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 33.334, 115.426 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(157, 169, 108)` looks like.

```
.text, #text, p{  
    color:rgb(157, 169, 108)  
}
```

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(157, 169, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 169, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 33.334, 115.426 is called "border". The border property can be set on classes, ids or directly on the HTML element.

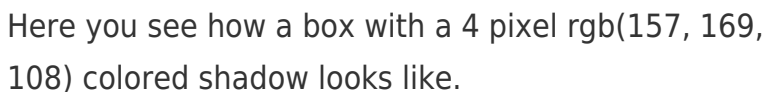
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 169, 108) }
```

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

```
.border{ border-color:rgb(157, 169, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 169, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 169, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 169, 108); box-shadow:4px 4px 4px 4px rgb(157, 169, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 33.334, 115.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 169, 108) }
```

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

```
.background{ background-color: rgb(157,  
169, 108) }
```

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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