

Converting Colors

CIELCh(67, 1.471, 246.942)

Have a look what the booklet for
CIELCh(67, 1.471, 246.942) contains.

CIELCh(67, 1.333, 255.948)	3
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Color

CIELCh(67, 1.333, 255.948)

Conversions

Conversions Part 1

Format	Color
Hex	A1A3A5
RGB	161, 163, 165
RGB Percent	63%, 64%, 65%
CMY	0.3675, 0.3596, 0.3518
CMYK	0.02, 0.01, 0.00, 0.35
HSL	210°, 2%, 64%
HSV	210°, 2%, 65%
XYZ	34.7232, 36.6320, 40.9770
YIQ	162.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

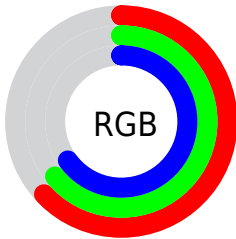
Format	Color
RYB	161, 162, 165
Decimal	10593189
CIELab	67.00, -0.32, -1.29
CIElCh	67, 1.333, 255.948
Yxy	36.6320, 0.3091, 0.3261
Android (android.graphics.Color)	4288783269 (0xFFA1A3A5)
YUV	162.6300, 1.1684, -1.4295
Hunter-Lab	60.5244, -3.5111, 2.2257

Details

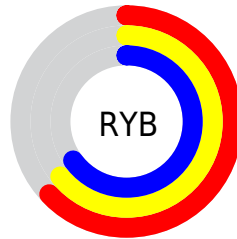
The CIELCh color $67, 1.333, 255.948$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 1.328, 74.818$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 1.265, 255.951$, and $47, 1.250, 271.562$ is the 20% darker color. If you saturate the color by 10%, you get $63, 6.783, 257.015$, and if you desaturate by 10%, it is $71, 4.155, 74.421$.

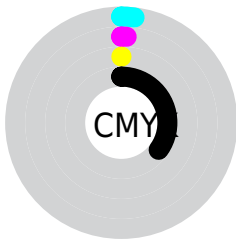
Distribution



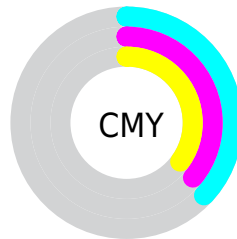
- Red (63%)
- Green (64%)
- Blue (65%)



- Red (63%)
- Yellow (64%)
- Blue (65%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (35%)



- Cyan (37%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 1.333, 255.948 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, 1.333, 255.948 by changing the saturation by 10% instead.

■ 67, 1.333, 255.948

■ 67, 1.333, 255.948

■ 100, 1.333,
255.948

■ 57, 1.333, 255.948

■ 87, 1.333, 255.948

■ 47, 1.333, 255.948

■ 97, 1.333, 255.948

■ 37, 1.333, 255.948

■ 27, 1.333, 255.948

■ 17, 1.333, 255.948

■ 7, 1.333, 255.948

■ 0, 1.333, 255.948

■ 67, 1.333, 255.948

■ 67, 1.333, 255.948

■ 63, 6.783, 257.015

■ 71, 4.155, 74.421

60, 12.175,
258.570

74, 9.660, 73.492

57, 17.488,
260.432

78, 15.166, 72.665

81, 20.659, 71.941

53, 22.706,
262.649

85, 26.127, 71.304

50, 27.818,
265.276

88, 30.196, 74.007

90, 31.997, 82.684

47, 32.835,
268.362

92, 34.453, 90.218

44, 37.789,
271.930

94, 37.419, 96.588

41, 42.741,
275.951

38, 47.770,
280.319

Harmonies

Complementary

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



67, 1.333, 255.948



67, 1.328, 74.818

Rectangle

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



67, 1.333, 255.948



67, 1.333, 305.948



67, 1.333, 75.948



67, 1.333, 125.948

Sweetspot

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



67, 1.332, 255.873



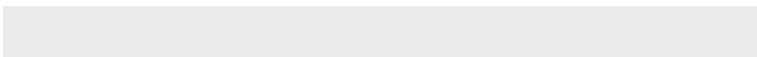
85, 0.684, 256.030



67, 1.902, 162.756



45, 0.389, 256.057



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



67, 1.332, 255.873



84, 2.036, 255.902



66, 2.183, 289.772



34, 1.230, 255.950



31, 46.557, 283.063



2, 4.971, 260.283

Inverse Universe

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



67, 1.897, 343.622



84, 2.904, 343.711



68, 2.156, 109.252



34, 1.756, 343.789



31, 55.846, 1.046



1, 6.586, 346.228

Previews

White Background



This preview shows how the CIELCh color 67, 1.333, 255.948 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, 1.333, 255.948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

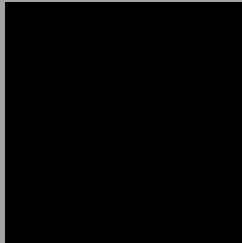
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

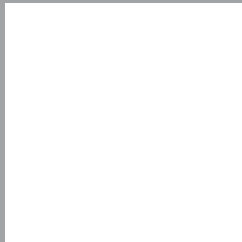
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 1.333, 255.948

Background



This preview shows how black text looks on a background with the CIELCh color 67, 1.333, 255.948.



This preview shows how white text looks on a background with the CIELCh color 67, 1.333, 255.948.

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, 1.333, 255.948

Protanopia

67, 2.027, 324.430

Deuteranopia

67, 8.525, 349.045



Tritanopia
67, 7.204, 293.854

Trichromacy



Original Color

67, 1.333, 255.948

Protanomaly

67, 1.838, 314.662

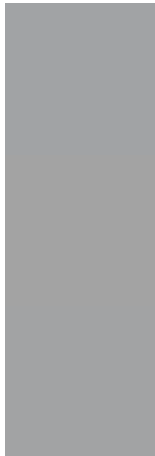
Deuteranomaly

67, 5.364, 341.716

Tritanomaly

67, 4.980, 290.704

Monochromacy



Original Color

67, 1.333, 255.948

Achromatopsia

67, 0.008, 296.813

Achromatomaly

67, 0.671, 256.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 1.333, 255.948 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(161, 163, 165)` looks like.

```
.text, #text, p{  
    color:rgb(161, 163, 165)  
}
```

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(161, 163, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 163, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 1.333, 255.948 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(161, 163, 165) }
```

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

```
.border{ border-color:rgb(161, 163, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 163, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 163, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 163, 165);  
box-shadow:4px 4px 4px 4px rgb(161, 163,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 1.333, 255.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 163, 165) }
```

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

```
.background{ background-color: rgb(161,  
163, 165) }
```

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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