

Converting Colors

CIELCh(67, 7.201, 288.008)

Have a look what the booklet for
CIELCh(67, 7.201, 288.008) contains.

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Color

CIELCh(67, 7.193, 288.004)

Conversions

Conversions Part 1

Format	Color
Hex	A1A2AF
RGB	161, 162, 175
RGB Percent	63%, 64%, 69%
CMY	0.3677, 0.3638, 0.3128
CMYK	0.08, 0.07, 0.00, 0.31
HSL	236°, 8%, 66%
HSV	236°, 8%, 69%
XYZ	35.4707, 36.6320, 45.8838
YIQ	163.1830, -4.7690, 3.8310

Conversions

Conversions Part 2

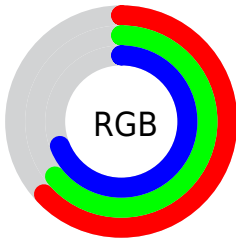
Format	Color
R _Y B	161, 162, 175
Decimal	10592943
CIE Lab	67.00, 2.22, -6.84
CIE LCh	67, 7.193, 288.004
Yxy	36.6320, 0.3006, 0.3105
Android (android.graphics.Color)	4288783023 (0xFFA1A2AF)
YUV	163.1830, 5.8258, -1.9145
Hunter-Lab	60.5244, -1.3064, -2.5810

Details

The CIELCh color **67, 7.193, 288.004** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 7.074, 106.331**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 7.338, 288.065**, and **47, 7.711, 288.350** is the 20% darker color. If you saturate the color by 10%, you get **61, 16.484, 289.207**, and if you desaturate by 10%, it is **73, 1.766, 106.898**.

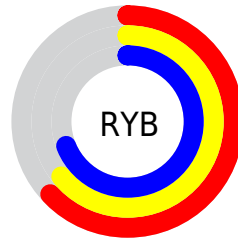
Distribution



Red (63%)

Green (64%)

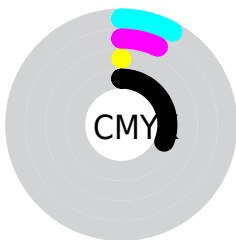
Blue (69%)



Red (63%)

Yellow (64%)

Blue (69%)

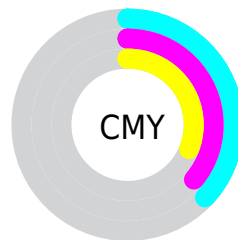


Cyan (8%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (37%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 7.193, 288.004 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, 7.193, 288.004 by changing the saturation by 10% instead.

■ 67, 7.193, 288.004

■ 67, 7.193, 288.004

■ 100, 7.193,
288.004

■ 57, 7.193, 288.004

■ 87, 7.193, 288.004

■ 47, 7.193, 288.004

■ 97, 7.193, 288.004

■ 37, 7.193, 288.004

■ 27, 7.193, 288.004

■ 17, 7.193, 288.004

■ 7, 7.193, 288.004

■ 0, 7.193, 288.004

■ 67, 7.193, 288.004

■ 67, 7.193, 288.004

■ 61, 16.484,

■ 73, 1.766, 106.898

289.207

78, 10.413,
106.048

56, 26.139,
290.633

84, 18.772,
105.288

50, 36.185,
292.302

90, 26.862,
104.629

44, 46.639,
294.234

95, 34.698,
104.056

39, 57.475,
296.424

98, 39.977,
107.127

33, 68.544,
298.810

29, 79.419,
301.244

25, 89.204,
303.466

22, 96.572,
305.137

Harmonies

Complementary

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



67, 7.193, 288.004



71, 7.074, 106.331

Rectangle

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



67, 7.193, 288.004



67, 7.193, 338.004



67, 7.193, 108.004



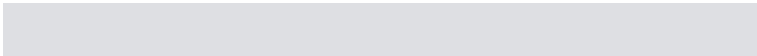
67, 7.193, 158.004

Sweetspot

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



67, 7.191, 287.996



89, 2.205, 287.393



70, 5.212, 192.018



48, 1.264, 287.384



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 7.191, 287.996



83, 11.148, 288.243



67, 8.068, 306.481



34, 5.063, 288.143



18, 86.767, 305.189



1, 10.688, 287.736

Inverse Universe

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



68, 5.427, 13.997



84, 8.444, 14.201



71, 7.957, 125.739



34, 3.829, 14.119



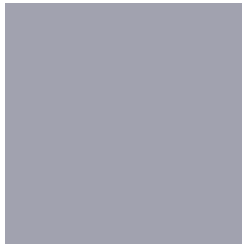
31, 67.425, 36.506



2, 7.838, 14.558

Previews

White Background



This preview shows how the CIELCh color 67, 7.193, 288.004 looks on a white background.

Color Contrast Check

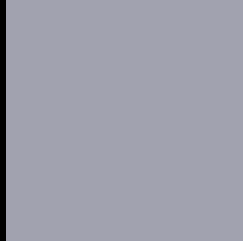
Large Text (above 18pt) WCAG AA × Fail

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, 7.193, 288.004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

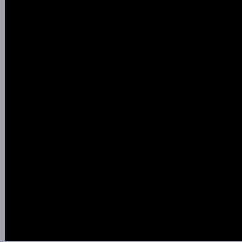
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

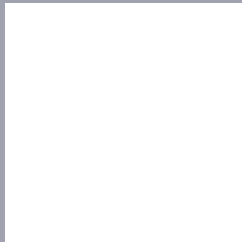
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 7.193, 288.004

Background



This preview shows how black text looks on a background with the CIELCh color 67, 7.193, 288.004.

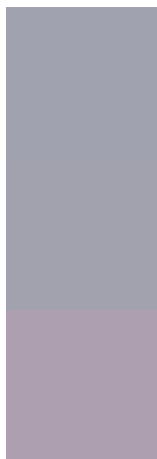


This preview shows how white text looks on a background with the CIELCh color 67, 7.193, 288.004.

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, 7.193, 288.004

Protanopia

67, 7.190, 290.927

Deuteranopia

67, 11.471, 320.239



Tritanopia
67, 7.193, 288.004

Trichromacy



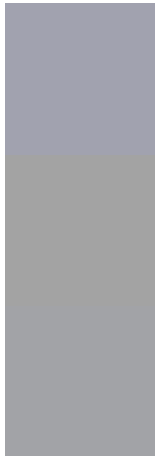
Original Color
67, 7.193, 288.004

Protanomaly
67, 7.190, 290.927

Deuteranomaly
67, 9.500, 311.590

Tritanomaly
67, 7.193, 288.004

Monochromacy



Original Color
67, 7.193, 288.004

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 2.241, 280.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 7.193, 288.004 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, 162, 175)` looks like.

```
.text, #text, p{  
    color:rgb(161, 162, 175)  
}
```

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, 162, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 162, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 7.193, 288.004 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, 162, 175) }
```

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

```
.border{ border-color:rgb(161, 162, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 162, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 162, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 162, 175);  
box-shadow:4px 4px 4px 4px rgb(161, 162,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 7.193, 288.004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 162, 175) }
```

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

```
.background{ background-color: rgb(161,  
162, 175) }
```

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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