

Converting Colors

CIELCh(67, 5.323, 283.573)

Have a look what the booklet for
CIELCh(67, 5.323, 283.573) contains.

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Color

CIELCh(67, 5.017, 282.224)

Conversions

Conversions Part 1

Format	Color
Hex	A1A3AC
RGB	161, 163, 172
RGB Percent	63%, 64%, 67%
CMY	0.3696, 0.3617, 0.3264
CMYK	0.06, 0.05, 0.00, 0.33
HSL	229°, 6%, 65%
HSV	229°, 6%, 67%
XYZ	35.1287, 36.6320, 44.1280
YIQ	163.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

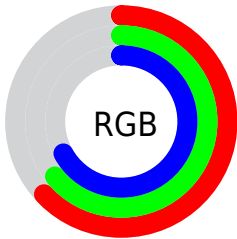
Format	Color
RYB	161, 163, 172
Decimal	10593196
CIELab	67.00, 1.06, -4.90
CIElCh	67, 5.017, 282.224
Yxy	36.6320, 0.3031, 0.3161
Android (android.graphics.Color)	4288783276 (0xFFA1A3AC)
YUV	163.4280, 4.2260, -2.1294
Hunter-Lab	60.5244, -2.3153, -0.8610

Details

The CIELCh color $67, 5.017, 282.224$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 4.965, 100.734$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 4.756, 282.060$, and $47, 5.375, 282.517$ is the 20% darker color. If you saturate the color by 10%, you get $62, 13.031, 283.479$, and if you desaturate by 10%, it is $72, 2.765, 101.033$.

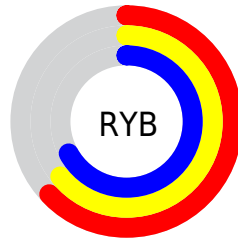
Distribution



Red (63%)

Green (64%)

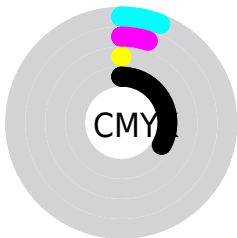
Blue (67%)



Red (63%)

Yellow (64%)

Blue (67%)

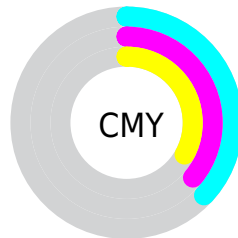


Cyan (6%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (37%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 5.017, 282.224 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, 5.017, 282.224 by changing the saturation by 10% instead.

■ 67, 5.017, 282.224

■ 67, 5.017, 282.224

■ 100, 5.017,
282.224

■ 57, 5.017, 282.224

■ 87, 5.017, 282.224

■ 47, 5.017, 282.224

■ 97, 5.017, 282.224

■ 37, 5.017, 282.224

■ 27, 5.017, 282.224

■ 17, 5.017, 282.224

■ 7, 5.017, 282.224

■ 0, 5.017, 282.224

■ 67, 5.017, 282.224

■ 67, 5.017, 282.224

■ 62, 13.031,

■ 72, 2.765, 101.033

283.479

77, 10.326,
100.114

57, 21.298,
284.975

82, 17.679, 99.292

52, 29.842,
286.723

87, 24.834, 98.571

47, 38.686,
288.755

92, 31.801, 97.937

42, 47.851,
291.088

96, 38.123,
102.534

37, 57.327,
293.708

98, 41.677,
106.996

32, 67.009,
296.537

28, 76.588,
299.413

25, 85.430,
302.073

Harmonies

Complementary

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



67, 5.017, 282.224



69, 4.965, 100.734

Rectangle

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



67, 5.017, 282.224



67, 5.017, 332.224



67, 5.017, 102.224



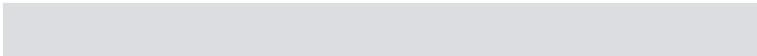
67, 5.017, 152.224

Sweetspot

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



67, 5.016, 282.211



88, 1.942, 281.765



69, 4.255, 184.088



47, 1.103, 281.757



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, 5.016, 282.211



84, 7.807, 282.415



67, 6.243, 302.775



34, 4.487, 282.556



20, 79.377, 302.601



1, 9.716, 283.331

Inverse Universe

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



67, 4.368, 5.094



84, 6.816, 5.282



70, 6.159, 122.087



34, 3.923, 5.405



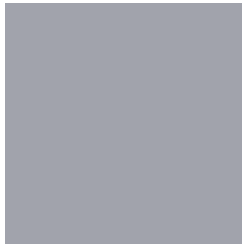
31, 62.897, 29.825



2, 8.004, 7.253

Previews

White Background



This preview shows how the CIELCh color 67, 5.017, 282.224 looks on a white background.

Color Contrast Check

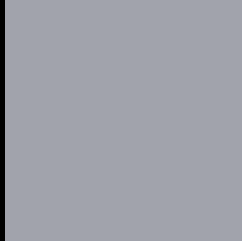
Large Text (above 18pt) WCAG AA × Fail

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, 5.017, 282.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

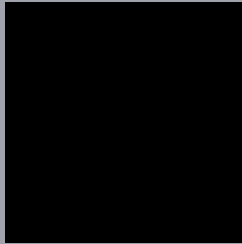
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

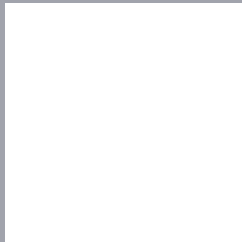
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 5.017, 282.224

Background



This preview shows how black text looks on a background with the CIELCh color 67, 5.017, 282.224.

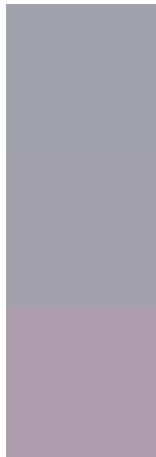


This preview shows how white text looks on a background with the CIELCh color 67, 5.017, 282.224.

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, 5.017, 282.224

Protanopia

67, 4.999, 294.968

Deuteranopia

67, 10.287, 326.652



Tritanopia
67, 7.193, 288.004

Trichromacy



Original Color
67, 5.017, 282.224

Protanomaly
67, 4.980, 290.704

Deuteranomaly
67, 7.976, 315.777

Tritanomaly
67, 6.642, 287.696

Monochromacy



Original Color
67, 5.017, 282.224

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 1.700, 277.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 5.017, 282.224 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(161, 163, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 163, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 5.017, 282.224 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, 172) }
```

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

```
.border{ border-color:rgb(161, 163, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 163, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 163, 172);  
box-shadow:4px 4px 4px 4px rgb(161, 163,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 5.017, 282.224 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, 172) }
```

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

```
.background{ background-color: rgb(161,  
163, 172) }
```

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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