

Converting Colors

CIELCh(66, 6.930, 304.042)

Have a look what the booklet for
CIELCh(66, 6.930, 304.042) contains.

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Color

CIELCh(66, 6.842, 303.422)

Conversions

Conversions Part 1

Format	Color
Hex	A39FAB
RGB	163, 159, 171
RGB Percent	64%, 62%, 67%
CMY	0.3624, 0.3781, 0.3310
CMYK	0.05, 0.07, 0.00, 0.33
HSL	260°, 7%, 65%
HSV	260°, 7%, 67%
XYZ	34.6597, 35.3238, 43.3130
YIQ	161.5640, -1.4680, 4.5800

Conversions

Conversions Part 2

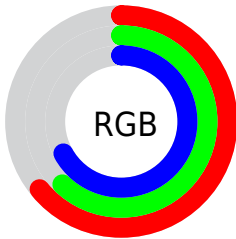
Format	Color
RYB	163, 159, 171
Decimal	10723243
CIELab	66.00, 3.77, -5.71
CIELCh	66, 6.842, 303.422
Yxy	35.3238, 0.3059, 0.3118
Android (android.graphics.Color)	4288913323 (0xFFA39FAB)
YUV	161.5640, 4.6519, 1.2594
Hunter-Lab	59.4338, 0.0855, -1.6045

Details

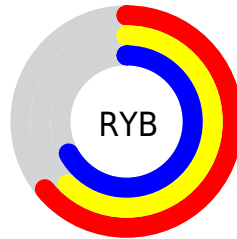
The CIELCh color $66, 6.842, 303.422$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 6.744, 122.679$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 6.479, 303.329$, and $46, 6.666, 301.316$ is the 20% darker color. If you saturate the color by 10%, you get $61, 16.846, 304.027$, and if you desaturate by 10%, it is $71, 2.828, 122.910$.

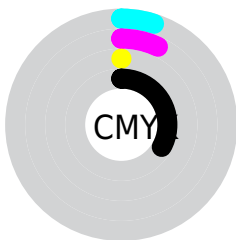
Distribution



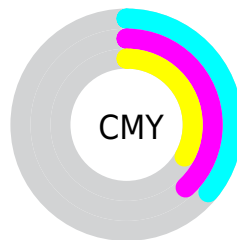
- Red (64%)
- Green (62%)
- Blue (67%)



- Red (64%)
- Yellow (62%)
- Blue (67%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (33%)



- Cyan (36%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 6.842, 303.422 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 66, 6.842, 303.422 by changing the saturation by 10% instead.

■ 66, 6.842, 303.422

■ 66, 6.842, 303.422

■ 100, 6.842,
303.422

■ 56, 6.842, 303.422

■ 86, 6.842, 303.422

■ 46, 6.842, 303.422

■ 96, 6.842, 303.422

■ 36, 6.842, 303.422

■ 26, 6.842, 303.422

■ 16, 6.842, 303.422

■ 6, 6.842, 303.422

■ 0, 6.842, 303.422

■ 66, 6.842, 303.422

■ 66, 6.842, 303.422

■ 61, 16.846,

■ 71, 2.828, 122.910

304.027

77, 12.168,
122.430

55, 27.186,
304.708

82, 21.193,
122.023

50, 37.829,
305.458

88, 29.921,
121.671

44, 48.699,
306.264

93, 38.368,
121.369

39, 59.627,
307.094

97, 43.353,
119.299

34, 70.285,
307.884

97, 42.570,
113.624

30, 80.107,
308.533

98, 42.253,
107.696

26, 88.246,
308.892

98, 42.248,
106.951

24, 93.916,
308.843

Harmonies

Complementary

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



66, 6.842, 303.422



69, 6.744, 122.679

Rectangle

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



66, 6.842, 303.422



66, 6.842, 353.422



66, 6.842, 123.422



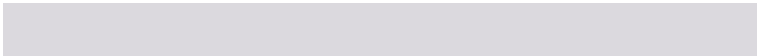
66, 6.842, 173.422

Sweetspot

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



66, 6.840, 303.417



87, 2.397, 303.122



68, 3.654, 234.297



47, 1.374, 303.115



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 6.840, 303.417



83, 9.656, 303.482



66, 7.630, 319.591



33, 5.466, 303.548



19, 85.823, 308.955



1, 9.768, 301.301

Inverse Universe

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



67, 6.379, 336.095



84, 8.998, 336.180



69, 7.593, 139.013



33, 5.088, 336.266



32, 60.470, 346.956



2, 8.717, 339.106

Previews

White Background



This preview shows how the CIELCh color 66, 6.842, 303.422 looks on a white background.

Color Contrast Check

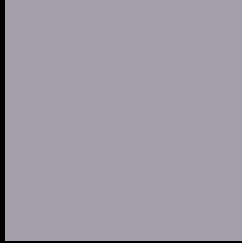
Large Text (above 18pt) WCAG AA × Fail

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 66, 6.842, 303.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

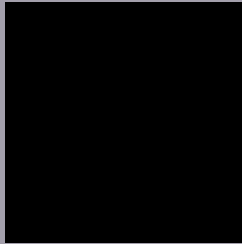
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 6.842, 303.422

Background



This preview shows how black text looks on a background with the CIELCh color 66, 6.842, 303.422.

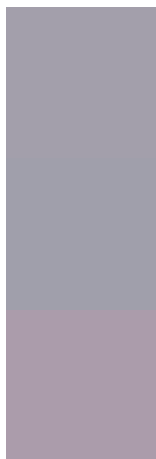


This preview shows how white text looks on a background with the CIELCh color 66, 6.842, 303.422.

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


66, 6.842, 303.422

Protanopia

66, 6.676, 294.059

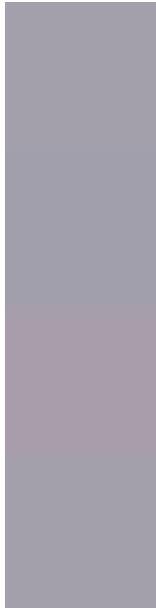
Deuteranopia

66, 10.093, 324.892



Tritanopia
66, 6.842, 303.422

Trichromacy



Original Color
66, 6.842, 303.422

Protanomaly
66, 6.711, 297.220

Deuteranomaly
66, 8.834, 318.713

Tritanomaly
66, 6.842, 303.422

Monochromacy



Original Color
66, 6.842, 303.422

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 2.357, 309.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 6.842, 303.422 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(163, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(163, 159, 171)  
}
```

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(163, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 159, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 6.842, 303.422 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(163, 159, 171) }
```

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

```
.border{ border-color:rgb(163, 159, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 159, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 159, 171);  
box-shadow:4px 4px 4px 4px rgb(163, 159,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 6.842, 303.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 159, 171) }
```

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

```
.background{ background-color: rgb(163,  
159, 171) }
```

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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