

Converting Colors

CIELCh(66, 38.421, 313.345)

Have a look what the booklet for
CIELCh(66, 38.421, 313.345)
contains.

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Color

CIELCh(66, 38.421, 313.345)

Conversions

Conversions Part 1

Format	Color
Hex	B892D3
RGB	184, 146, 211
RGB Percent	72%, 57%, 83%
CMY	0.2795, 0.4285, 0.1736
CMYK	0.13, 0.31, 0.00, 0.17
HSL	275°, 42%, 70%
HSV	275°, 31%, 83%
XYZ	41.6641, 35.3238, 66.0690
YIQ	164.7720, 1.7830, 28.2710

Conversions

Conversions Part 2

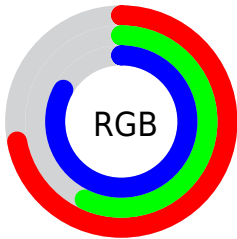
Format	Color
RYB	184, 146, 211
Decimal	12096211
CIELab	66.00, 26.37, -27.94
CIELCh	66, 38.421, 313.345
Yxy	35.3238, 0.2912, 0.2469
Android (android.graphics.Color)	4290286291 (0xFFB892D3)
YUV	164.7720, 22.7904, 16.8630
Hunter-Lab	59.4338, 21.1222, -24.3054

Details

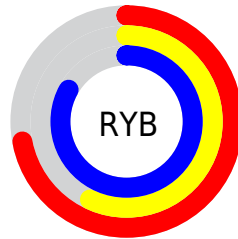
The CIELCh color $66, 38.421, 313.345$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 37.115, 130.560$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 32.225, 318.088$, and $46, 38.279, 313.350$ is the 20% darker color. If you saturate the color by 10%, you get $60, 51.217, 313.816$, and if you desaturate by 10%, it is $72, 25.702, 312.872$.

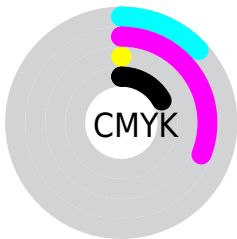
Distribution



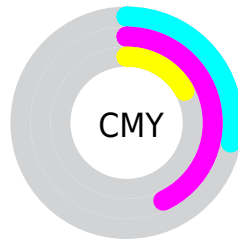
- Red (72%)
- Green (57%)
- Blue (83%)



- Red (72%)
- Yellow (57%)
- Blue (83%)



- Cyan (13%)
- Magenta (31%)
- Yellow (0%)
- Black (17%)





- Cyan (28%)
- Magenta (43%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 38.421, 313.345 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, 38.421, 313.345 by changing the saturation by 10% instead.


 66, 38.421,
313.345


 66, 38.421,
313.345


 100, 38.421,
313.345


 56, 38.421,
313.345


 86, 38.421,
313.345

 46, 38.421,
313.345

 96, 38.421,
313.345

 36, 38.421,
313.345

 26, 38.421,
313.345

 16, 38.421,
313.345

 6, 38.421, 313.345

 0, 38.421, 313.345

66, 38.421,
313.345

66, 38.421,
313.345

60, 51.217,
313.816

72, 25.702,
312.872

55, 63.851,
314.254

78, 13.208,
312.414

50, 75.933,
314.615

84, 1.015, 311.853

45, 86.895,
314.830

90, 10.839,
131.627

41, 96.003,
314.816

96, 22.342,
131.267

38, 102.509,
314.478

98, 23.498,
125.500

36, 106.206,
313.894

98, 22.710,
117.837

99, 22.373,
109.660

 99, 22.365,
108.483

Harmonies

Complementary

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



66, 38.421, 313.345



80, 37.115, 130.560

Rectangle

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



66, 38.421, 313.345



66, 38.421, 3.345



66, 38.421, 133.345



66, 38.421, 183.345

Sweetspot

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



66, 38.419, 313.345



94, 12.777, 312.336



70, 22.246, 268.819



49, 8.895, 312.402



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 38.419, 313.345



74, 54.074, 313.656



69, 39.857, 328.540



41, 6.860, 312.349



28, 89.716, 314.067



3, 27.300, 310.886

Inverse Universe

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



67, 28.776, 351.634



77, 40.414, 352.510



79, 39.836, 144.544



41, 5.134, 349.266



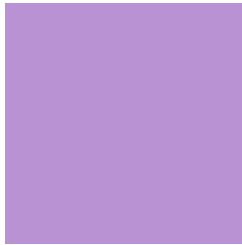
36, 61.955, 9.780



5, 21.098, 359.206

Previews

White Background



This preview shows how the CIELCh color 66, 38.421, 313.345 looks on a white background.

Color Contrast Check

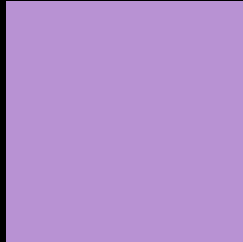
Large Text (above 18pt) WCAG AA × Fail

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 66, 38.421, 313.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

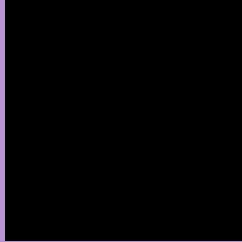
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 38.421, 313.345

Background



This preview shows how black text looks on a background with the CIELCh color 66, 38.421, 313.345.



This preview shows how white text looks on a background with the CIELCh color 66, 38.421, 313.345.

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





Tritanopia
66, 11.042, 343.533

Trichromacy



Original Color
66, 38.421, 313.345

Protanomaly
66, 35.012, 295.296

Deuteranomaly
66, 30.749, 298.872

Tritanomaly
66, 20.118, 322.616

Monochromacy



Original Color
66, 38.421, 313.345

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 14.301, 312.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 38.421, 313.345 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(184, 146, 211)` looks like.

```
.text, #text, p{  
    color:rgb(184, 146, 211)  
}
```

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(184, 146, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 146, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 38.421, 313.345 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(184, 146, 211) }
```

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

```
.border{ border-color:rgb(184, 146, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 146, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 146, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 146, 211);  
box-shadow:4px 4px 4px 4px rgb(184, 146,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 38.421, 313.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 146, 211) }
```

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

```
.background{ background-color: rgb(184,  
146, 211) }
```

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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