

Converting Colors

CIELCh(66, 39.016, 327.286)

Have a look what the booklet for
CIELCh(66, 39.016, 327.286)
contains.

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Color

CIELCh(66, 39.073, 326.996)

Conversions

Conversions Part 1

Format	Color
Hex	C98CC7
RGB	201, 140, 199
RGB Percent	79%, 55%, 78%
CMY	0.2115, 0.4507, 0.2194
CMYK	0.00, 0.30, 0.01, 0.21
HSL	302°, 36%, 67%
HSV	302°, 30%, 79%
XYZ	43.8046, 35.3238, 58.5775
YIQ	164.9650, 17.4170, 31.2810

Conversions

Conversions Part 2

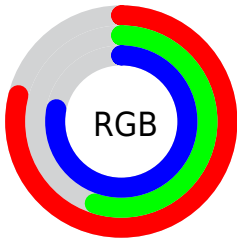
Format	Color
R _Y B	201, 140, 199
Decimal	13208775
CIE Lab	66.00, 32.77, -21.28
CIE LCh	66, 39.073, 326.996
Yxy	35.3238, 0.3181, 0.2565
Android (android.graphics.Color)	4291398855 (0xFFC98CC7)
YUV	164.9650, 16.7793, 31.6027
Hunter-Lab	59.4338, 27.5509, -16.8320

Details

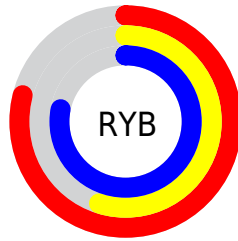
The CIELCh color $66, 39.073, 326.996$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 39.072, 143.191$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 38.257, 325.753$, and $46, 38.897, 326.968$ is the 20% darker color. If you saturate the color by 10%, you get $62, 51.504, 327.525$, and if you desaturate by 10%, it is $71, 26.233, 326.445$.

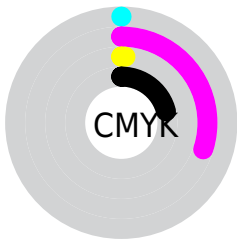
Distribution



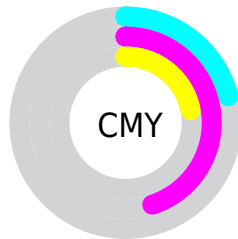
- Red (79%)
- Green (55%)
- Blue (78%)



- Red (79%)
- Yellow (55%)
- Blue (78%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)
- Black (21%)





- Cyan (21%)
- Magenta (45%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 39.073, 326.996 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, 39.073, 326.996 by changing the saturation by 10% instead.


 66, 39.073,
326.996


 66, 39.073,
326.996


 100, 39.073,
326.996


 56, 39.073,
326.996


 86, 39.073,
326.996

 46, 39.073,
326.996

 96, 39.073,
326.996

 36, 39.073,
326.996

 26, 39.073,
326.996

 16, 39.073,
326.996

 6, 39.073, 326.996

 0, 39.073, 326.996

66, 39.073,
326.996

66, 39.073,
326.996

62, 51.504,
327.525

71, 26.233,
326.445

58, 63.140,
328.020

76, 13.288,
325.880

54, 73.499,
328.464

81, 0.441, 324.743

51, 82.074,
328.847

86, 12.171,
144.829

49, 88.427,
329.160

91, 24.468,
144.295


48, 92.335,
329.404

95, 32.986,
144.026

47, 94.160,
329.587

95, 32.710,
144.362

95, 32.434,
144.704

 95, 32.159,
145.051

Harmonies

Complementary

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



66, 39.073, 326.996



76, 39.072, 143.191

Rectangle

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



66, 39.073, 326.996



66, 39.073, 16.996



66, 39.073, 146.996



66, 39.073, 196.996

Sweetspot

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



66, 39.071, 326.996



94, 14.017, 325.810



60, 34.457, 294.449



49, 9.748, 325.895



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, 39.071, 326.996



79, 55.981, 327.326



65, 28.289, 347.431



39, 7.220, 325.824



38, 80.680, 329.567



4, 26.005, 328.103

Inverse Universe

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



66, 39.071, 326.996



79, 55.981, 327.326



76, 27.167, 161.719



39, 7.220, 325.824



38, 80.680, 329.567



4, 26.005, 328.103

Previews

White Background



This preview shows how the CIELCh color 66, 39.073, 326.996 looks on a white background.

Color Contrast Check

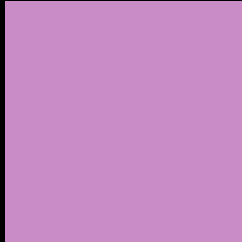
Large Text (above 18pt) WCAG AA × Fail

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, 39.073, 326.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

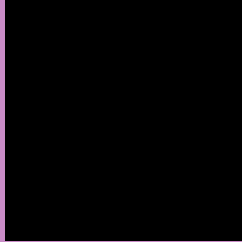
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 39.073, 326.996

Background



This preview shows how black text looks on a background with the CIELCh color 66, 39.073, 326.996.

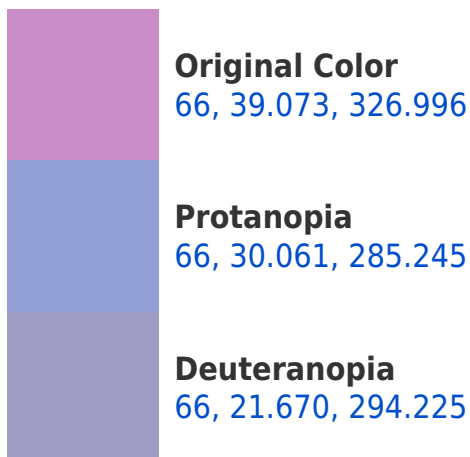


This preview shows how white text looks on a background with the CIELCh color 66, 39.073, 326.996.

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](#).

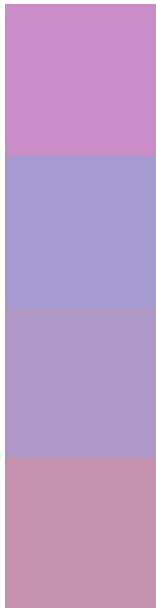
Dichromacy





Tritanopia
66, 19.757, 3.636

Trichromacy



Original Color
66, 39.073, 326.996

Protanomaly
66, 31.571, 301.886

Deuteranomaly
66, 26.913, 310.169

Tritanomaly
66, 25.602, 343.491

Monochromacy



Original Color
66, 39.073, 326.996

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 14.275, 326.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 39.073, 326.996 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(201, 140, 199)` looks like.

```
.text, #text, p{  
    color:rgb(201, 140, 199)  
}
```

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(201, 140, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 140, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 39.073, 326.996 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(201, 140, 199) }
```

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

```
.border{ border-color:rgb(201, 140, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 140, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 140, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 140, 199);  
box-shadow:4px 4px 4px 4px rgb(201, 140,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 39.073, 326.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 140, 199) }
```

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

```
.background{ background-color: rgb(201,  
140, 199) }
```

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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