

Converting Colors

CIELCh(66, 41.055, 312.304)

Have a look what the booklet for
CIELCh(66, 41.055, 312.304)
contains.

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Color

CIELCh(66, 41.103, 312.537)

Conversions

Conversions Part 1

Format	Color
Hex	B891D7
RGB	184, 145, 215
RGB Percent	72%, 57%, 84%
CMY	0.2786, 0.4315, 0.1571
CMYK	0.14, 0.33, 0.00, 0.16
HSL	273°, 47%, 71%
HSV	273°, 33%, 84%
XYZ	42.1320, 35.3238, 68.8526
YIQ	164.6410, 0.7740, 30.0380

Conversions

Conversions Part 2

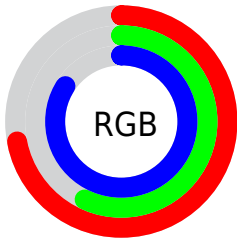
Format	Color
RYB	184, 145, 215
Decimal	12095959
CIELab	66.00, 27.79, -30.29
CIELCh	66, 41.103, 312.537
Yxy	35.3238, 0.2880, 0.2414
Android (android.graphics.Color)	4290286039 (0xFFB891D7)
YUV	164.6410, 24.8270, 16.9778
Hunter-Lab	59.4338, 22.5275, -27.0823

Details

The CIELCh color `66, 41.103, 312.537` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `82, 39.503, 129.544`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 32.856, 318.248`, and `46, 41.118, 312.550` is the 20% darker color. If you saturate the color by 10%, you get `60, 54.097, 313.027`, and if you desaturate by 10%, it is `72, 28.186, 312.046`.

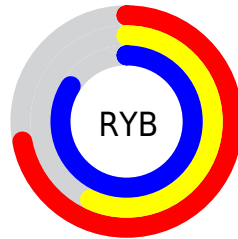
Distribution



Red (72%)

Green (57%)

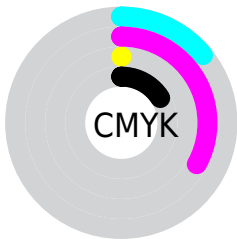
Blue (84%)



Red (72%)

Yellow (57%)

Blue (84%)

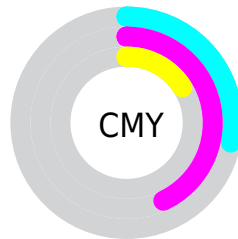


Cyan (14%)

Magenta (33%)

Yellow (0%)

Black (16%)



Cyan (28%)


Magenta (43%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 41.103, 312.537 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, 41.103, 312.537 by changing the saturation by 10% instead.


 66, 41.103,
312.537


 66, 41.103,
312.537


 100, 41.103,
312.537


 56, 41.103,
312.537


 86, 41.103,
312.537

 46, 41.103,
312.537

 96, 41.103,
312.537

 36, 41.103,
312.537

 26, 41.103,
312.537

 16, 41.103,
312.537

 6, 41.103, 312.537

 0, 41.103, 312.537

66, 41.103,
312.537

66, 41.103,
312.537

60, 54.097,
313.027

72, 28.186,
312.046

54, 66.915,
313.483

78, 15.500,
311.573

49, 79.140,
313.855

84, 3.126, 311.100

44, 90.159,
314.070

91, 8.900, 130.762

40, 99.188,
314.034

97, 20.566,
130.392

37, 105.447,
313.648

98, 20.944,
122.743

36, 108.450,
313.162

99, 20.324,
113.238

99, 20.242,
108.645

Harmonies

Complementary

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



66, 41.103, 312.537



82, 39.503, 129.544

Rectangle

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



66, 41.103, 312.537



66, 41.103, 2.537



66, 41.103, 132.537



66, 41.103, 182.537

Sweetspot

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



66, 41.101, 312.537



93, 14.128, 311.460



71, 22.970, 265.952



49, 9.657, 311.525



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, 41.101, 312.537



73, 56.841, 312.872



69, 43.705, 327.627



42, 6.954, 311.429



28, 91.255, 313.339



3, 29.393, 310.734

Inverse Universe

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



68, 31.361, 350.141



75, 43.182, 351.043



80, 43.716, 143.445



42, 5.327, 347.627



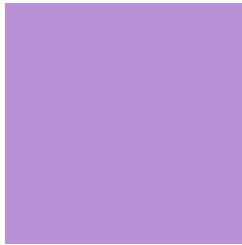
36, 62.539, 7.192



5, 23.024, 358.012

Previews

White Background



This preview shows how the CIELCh color 66, 41.103, 312.537 looks on a white background.

Color Contrast Check

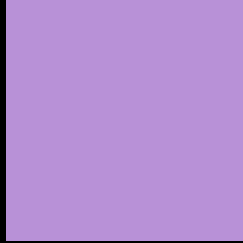
Large Text (above 18pt) WCAG AA × Fail

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, 41.103, 312.537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

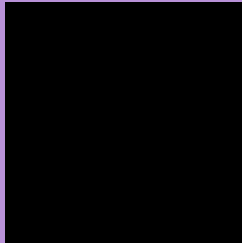
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 41.103, 312.537

Background



This preview shows how black text looks on a background with the CIELCh color 66, 41.103, 312.537.

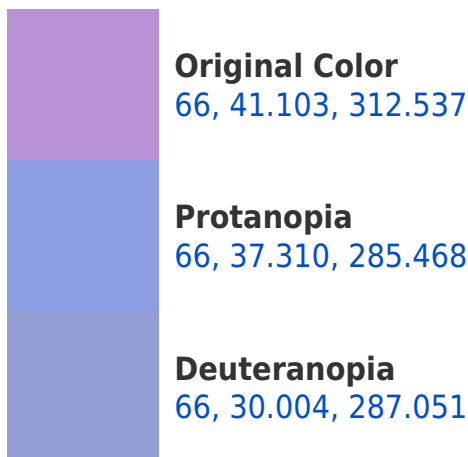


This preview shows how white text looks on a background with the CIELCh color 66, 41.103, 312.537.

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, 10.429, 340.887

Trichromacy



Original Color
66, 41.103, 312.537

Protanomaly
66, 37.799, 295.432

Deuteranomaly
66, 33.496, 298.048

Tritanomaly
66, 21.058, 321.051

Monochromacy



Original Color
66, 41.103, 312.537

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 14.816, 311.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 41.103, 312.537 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, 145, 215)` looks like.

```
.text, #text, p{  
    color:rgb(184, 145, 215)  
}
```

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, 145, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 145, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 41.103, 312.537 is called "border". The border property can be set on classes, ids or directly on the HTML element.

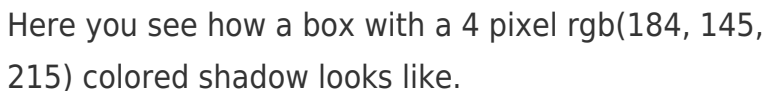
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 145, 215) }
```

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

```
.border{ border-color:rgb(184, 145, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 145, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 145, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 145, 215); box-shadow:4px 4px 4px 4px rgb(184, 145, 215) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 41.103, 312.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 145, 215) }
```

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

```
.background{ background-color: rgb(184,  
145, 215) }
```

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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