

Converting Colors

CIELCh(66, 51.216, 316.982)

Have a look what the booklet for
CIELCh(66, 51.216, 316.982)
contains.

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Color

CIELCh(66, 51.373, 316.938)

Conversions

Conversions Part 1

Format	Color
Hex	C58AE0
RGB	197, 138, 224
RGB Percent	77%, 54%, 88%
CMY	0.2283, 0.4596, 0.1225
CMYK	0.12, 0.38, 0.00, 0.12
HSL	281°, 58%, 71%
HSV	281°, 38%, 88%
XYZ	45.4464, 35.3238, 74.7793
YIQ	165.4450, 7.5580, 39.2540

Conversions

Conversions Part 2

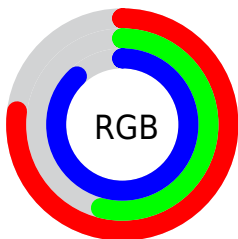
Format	Color
R_{YB}	197, 138, 224
Decimal	12946144
CIE _{Lab}	66.00, 37.53, -35.08
CIE _{LCh}	66, 51.373, 316.938
Yxy	35.3238, 0.2922, 0.2271
Android (android.graphics.Color)	4291136224 (0xFFC58AE0)
YUV	165.4450, 28.8676, 27.6737
Hunter-Lab	59.4338, 32.4817, -32.9946

Details

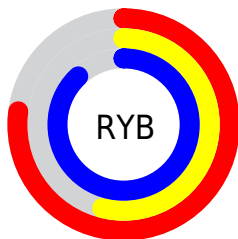
The CIELCh color $66, 51.373, 316.938$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $83, 49.834, 133.404$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 39.507, 325.796$, and $46, 50.942, 317.069$ is the 20% darker color. If you saturate the color by 10%, you get $60, 64.623, 317.329$, and if you desaturate by 10%, it is $72, 37.852, 316.507$.

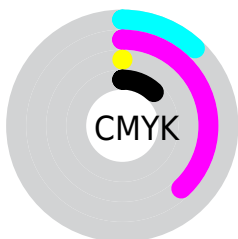
Distribution



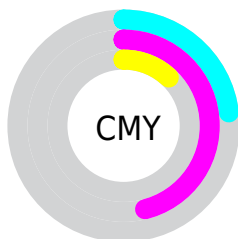
- Red (77%)
- Green (54%)
- Blue (88%)



- Red (77%)
- Yellow (54%)
- Blue (88%)



- Cyan (12%)
- Magenta (38%)
- Yellow (0%)
- Black (12%)





- Cyan (23%)
- Magenta (46%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 51.373, 316.938 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, 51.373, 316.938 by changing the saturation by 10% instead.


 66, 51.373,
316.938


 66, 51.373,
316.938


 100, 51.373,
316.938


 56, 51.373,
316.938


 86, 51.373,
316.938

 46, 51.373,
316.938

 96, 51.373,
316.938

 36, 51.373,
316.938

 26, 51.373,
316.938

 16, 51.373,
316.938

 6, 51.373, 316.938

 0, 51.373, 316.938

66, 51.373,
316.938

66, 51.373,
316.938

60, 64.623,
317.329

72, 37.852,
316.507

55, 77.189,
317.639

78, 24.343,
316.064

51, 88.492,
317.816

84, 11.017,
315.622

47, 97.832,
317.793

90, 2.025, 135.321

44, 104.528,
317.500

96, 14.728,
134.854


42, 108.357,
316.906

98, 16.917,
129.038

42, 108.857,
316.804

99, 16.179,
120.694

99, 15.824,
111.651

 99, 15.799,
108.983

Harmonies

Complementary

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



66, 51.373, 316.938



83, 49.834, 133.404

Rectangle

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



66, 51.373, 316.938



66, 51.373, 6.938



66, 51.373, 136.938



66, 51.373, 186.938

Sweetspot

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



66, 51.371, 316.938



92, 17.517, 315.784



68, 33.091, 278.776



48, 11.635, 315.842



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, 51.371, 316.938



70, 68.317, 317.252



68, 48.423, 332.418



44, 7.452, 315.668



32, 90.874, 316.960



5, 34.760, 317.279

Inverse Universe

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



67, 36.209, 359.573



71, 48.340, 0.964



82, 48.316, 146.837



44, 5.136, 355.835



37, 65.887, 19.614



6, 25.386, 6.933

Previews

White Background



This preview shows how the CIELCh color 66, 51.373, 316.938 looks on a white background.

Color Contrast Check

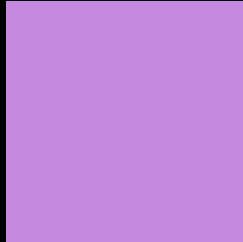
Large Text (above 18pt) WCAG AA × Fail

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, 51.373, 316.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

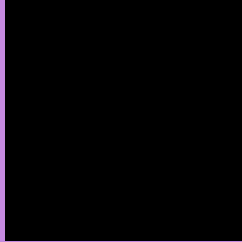
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 51.373, 316.938

Background



This preview shows how black text looks on a background with the CIELCh color 66, 51.373, 316.938.

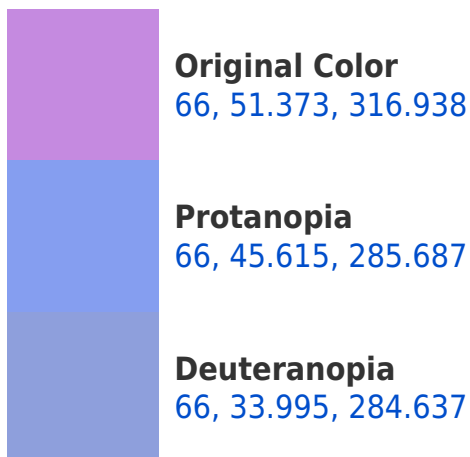



This preview shows how white text looks on a background with the CIELCh color 66, 51.373, 316.938.

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, 15.230, 357.488

Trichromacy



Original Color
66, 51.373, 316.938



Protanomaly
66, 46.123, 296.653



Deuteranomaly
66, 39.132, 299.250



Tritanomaly
66, 26.795, 330.442

Monochromacy



Original Color
66, 51.373, 316.938



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 19.023, 316.731

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 51.373, 316.938 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(197, 138, 224)` looks like.

```
.text, #text, p{  
    color:rgb(197, 138, 224)  
}
```

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(197, 138, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 138, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 51.373, 316.938 is called "border". The border property can be set on classes, ids or directly on the HTML element.

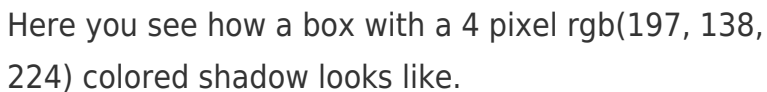
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 138, 224) }
```

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

```
.border{ border-color:rgb(197, 138, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 138, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 138, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 138, 224); box-shadow:4px 4px 4px 4px rgb(197, 138, 224) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 51.373, 316.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 138, 224) }
```

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

```
.background{ background-color: rgb(197,  
138, 224) }
```

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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