

Converting Colors

CIELCh(66, 26.039, 342.472)

Have a look what the booklet for
CIELCh(66, 26.039, 342.472)
contains.

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Color

CIELCh(66, 25.915, 342.501)

Conversions

Conversions Part 1

Format	Color
Hex	C691AF
RGB	198, 145, 175
RGB Percent	78%, 57%, 69%
CMY	0.2238, 0.4316, 0.3140
CMYK	0.00, 0.27, 0.12, 0.22
HSL	326°, 32%, 67%
HSV	326°, 27%, 78%
XYZ	41.1215, 35.3238, 45.1782
YIQ	164.2670, 21.9580, 20.5660

Conversions

Conversions Part 2

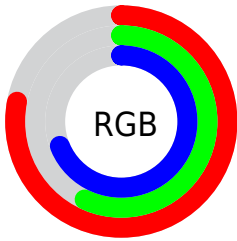
Format	Color
RYB	198, 145, 175
Decimal	13013423
CIELab	66.00, 24.72, -7.79
CIELCh	66, 25.915, 342.501
Yxy	35.3238, 0.3381, 0.2904
Android (android.graphics.Color)	4291203503 (0xFFC691AF)
YUV	164.2670, 5.2914, 29.5838
Hunter-Lab	59.4338, 19.4926, -3.4652

Details

The CIELCh color $66, 25.915, 342.501$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 25.315, 157.941$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 26.151, 341.805$, and $46, 25.880, 341.826$ is the 20% darker color. If you saturate the color by 10%, you get $61, 35.582, 343.521$, and if you desaturate by 10%, it is $71, 16.141, 341.583$.

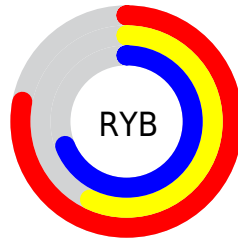
Distribution



Red (78%)

Green (57%)

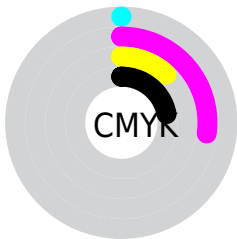
Blue (69%)



Red (78%)

Yellow (57%)

Blue (69%)

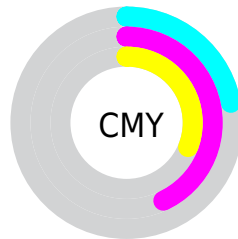


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (22%)



Cyan (22%)


Magenta (43%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 25.915, 342.501 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, 25.915, 342.501 by changing the saturation by 10% instead.


 66, 25.915,
342.501


 66, 25.915,
342.501


 100, 25.915,
342.501


 56, 25.915,
342.501


 86, 25.915,
342.501

 46, 25.915,
342.501


 96, 25.915,
342.501

 36, 25.915,
342.501

 26, 25.915,
342.501

 16, 25.915,
342.501

 6, 25.915, 342.501

 0, 25.915, 342.501

66, 25.915,
342.501

66, 25.915,
342.501

61, 35.582,
343.521

71, 16.141,
341.583

57, 44.867,
344.675

76, 6.455, 340.721

82, 3.028, 160.147

53, 53.378,
346.012

87, 12.244,
159.353

49, 60.641,
347.604

92, 21.165,
158.692

46, 66.169,
349.550

96, 24.739,
161.659

44, 69.601,
351.979


96, 22.133,
170.492

43, 70.937,
355.016

96, 20.126,
181.310

43, 71.193,

356.070

 96, 18.917,
193.956

Harmonies

Complementary

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



66, 25.915, 342.501



76, 25.315, 157.941

Rectangle

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



66, 25.915, 342.501



66, 25.915, 32.501



66, 25.915, 162.501



66, 25.915, 212.501

Sweetspot

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



66, 25.913, 342.502



95, 9.380, 340.838



64, 30.790, 308.111



50, 6.677, 340.969



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, 25.913, 342.502



80, 38.072, 343.070



65, 21.401, 16.370



39, 5.442, 340.947



35, 61.828, 355.527



4, 18.582, 348.910

Inverse Universe

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



66, 25.913, 342.502



80, 38.072, 343.070



76, 18.294, 192.036



39, 5.442, 340.947



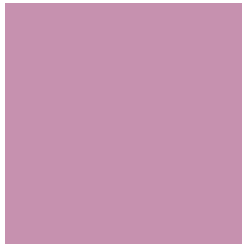
35, 61.828, 355.527



4, 18.582, 348.910

Previews

White Background



This preview shows how the CIELCh color 66, 25.915, 342.501 looks on a white background.

Color Contrast Check

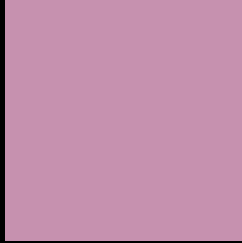
Large Text (above 18pt) WCAG AA × Fail

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, 25.915, 342.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

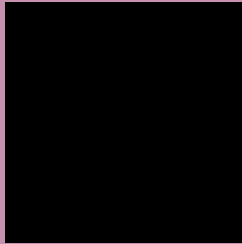
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 25.915, 342.501

Background



This preview shows how black text looks on a background with the CIELCh color 66, 25.915, 342.501.

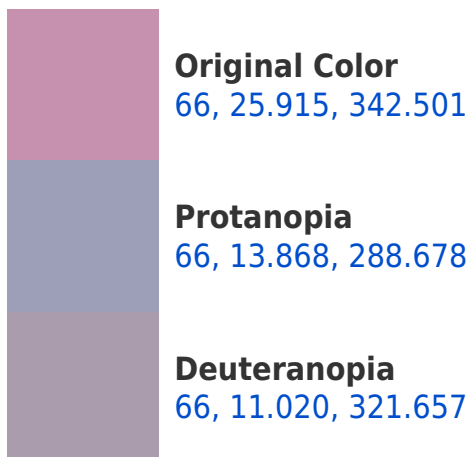


This preview shows how white text looks on a background with the CIELCh color 66, 25.915, 342.501.

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, 25.915, 342.501

Protanomaly
66, 16.451, 315.280

Deuteranomaly
66, 16.390, 333.036

Tritanomaly
66, 21.693, 354.534

Monochromacy



Original Color
66, 25.915, 342.501

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 9.475, 340.421

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 25.915, 342.501 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(198, 145, 175)` looks like.

```
.text, #text, p{  
    color:rgb(198, 145, 175)  
}
```

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(198, 145, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 145, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 25.915, 342.501 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(198, 145, 175) }
```

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

```
.border{ border-color:rgb(198, 145, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 145, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 145, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 145, 175);  
box-shadow:4px 4px 4px 4px rgb(198, 145,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 25.915, 342.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 145, 175) }
```

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

```
.background{ background-color: rgb(198,  
145, 175) }
```

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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