

Converting Colors

CIELCh(66, 24.017, 342.642)

Have a look what the booklet for
CIELCh(66, 24.017, 342.642)
contains.

CIELCh(66, 24.098, 342.065)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 24.098, 342.065)

Conversions

Conversions Part 1

Format	Color
Hex	C392AE
RGB	195, 146, 174
RGB Percent	76%, 57%, 68%
CMY	0.2344, 0.4266, 0.3168
CMYK	0.00, 0.25, 0.11, 0.23
HSL	326°, 29%, 67%
HSV	326°, 25%, 77%
XYZ	40.5407, 35.3238, 44.8414
YIQ	163.8430, 20.2160, 19.0960

Conversions

Conversions Part 2

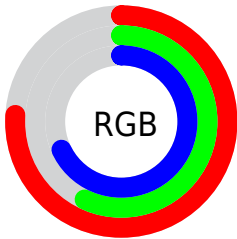
Format	Color
R _Y B	195, 146, 174
Decimal	12817070
CIE Lab	66.00, 22.93, -7.42
CIE LCh	66, 24.098, 342.065
Yxy	35.3238, 0.3359, 0.2926
Android (android.graphics.Color)	4291007150 (0xFFC392AE)
YUV	163.8430, 5.0074, 27.3247
Hunter-Lab	59.4338, 17.7484, -3.1292

Details

The CIELCh color $66, 24.098, 342.065$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 23.586, 157.859$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 24.098, 342.383$, and $46, 24.287, 341.913$ is the 20% darker color. If you saturate the color by 10%, you get $61, 33.720, 343.056$, and if you desaturate by 10%, it is $71, 14.404, 341.168$.

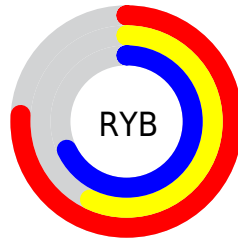
Distribution



Red (76%)

Green (57%)

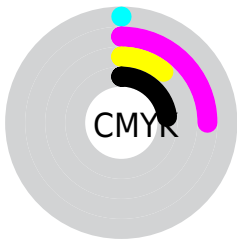
Blue (68%)



Red (76%)

Yellow (57%)

Blue (68%)

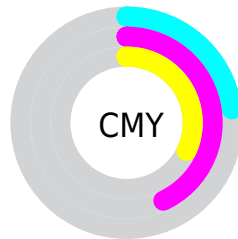


Cyan (0%)

Magenta (25%)

Yellow (11%)

Black (23%)



Cyan (23%)


Magenta (43%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 24.098, 342.065 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, 24.098, 342.065 by changing the saturation by 10% instead.


 66, 24.098,
342.065


 66, 24.098,
342.065


 100, 24.098,
342.065


 56, 24.098,
342.065


 86, 24.098,
342.065

 46, 24.098,
342.065

 96, 24.098,
342.065

 36, 24.098,
342.065

 26, 24.098,
342.065

 16, 24.098,
342.065

 6, 24.098, 342.065

 0, 24.098, 342.065

66, 24.098,
342.065

66, 24.098,
342.065

61, 33.720,
343.056

71, 14.404,
341.168

57, 43.015,
344.171

76, 4.820, 340.308

81, 4.553, 159.724

53, 51.612,
345.456

87, 13.656,
158.983

49, 59.054,
346.975

92, 22.466,
158.334

46, 64.853,
348.820

95, 26.130,
160.946

44, 68.617,
351.113


96, 23.524,
168.957

43, 70.238,
353.990

96, 21.431,
178.683

42, 70.610,

355.553

 96, 20.020,
190.092

Harmonies

Complementary

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



66, 24.098, 342.065



75, 23.586, 157.859

Rectangle

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



66, 24.098, 342.065



66, 24.098, 32.065



66, 24.098, 162.065



66, 24.098, 212.065

Sweetspot

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



66, 24.096, 342.066



95, 9.415, 340.574



64, 28.411, 307.445



50, 6.702, 340.704



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, 24.096, 342.066



81, 35.814, 342.585



65, 19.736, 14.864



38, 5.346, 340.679



35, 61.249, 355.008



3, 16.536, 348.011

Inverse Universe

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



66, 24.096, 342.066



81, 35.814, 342.585



75, 17.149, 190.689



38, 5.346, 340.679



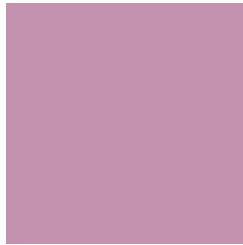
35, 61.249, 355.008



3, 16.536, 348.011

Previews

White Background



This preview shows how the CIELCh color 66, 24.098, 342.065 looks on a white background.

Color Contrast Check

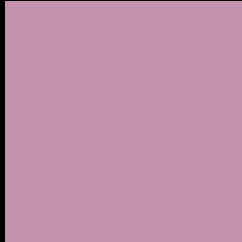
Large Text (above 18pt) WCAG AA × Fail

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, 24.098, 342.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

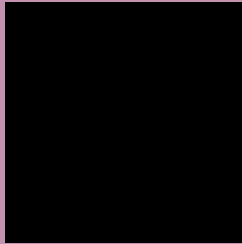
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 24.098, 342.065

Background



This preview shows how black text looks on a background with the CIELCh color 66, 24.098, 342.065.



This preview shows how white text looks on a background with the CIELCh color 66, 24.098, 342.065.

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



Original Color

66, 24.098, 342.065

Protanopia

66, 13.315, 288.491

Deuteranopia

66, 10.552, 323.201



Tritanopia
66, 18.221, 1.885

Trichromacy



Original Color
66, 24.098, 342.065

Protanomaly
66, 15.801, 314.845

Deuteranomaly
66, 15.741, 333.334

Tritanomaly
66, 20.067, 353.697

Monochromacy



Original Color
66, 24.098, 342.065

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 8.533, 339.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 24.098, 342.065 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(195, 146, 174)` looks like.

```
.text, #text, p{  
    color:rgb(195, 146, 174)  
}
```

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(195, 146, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 146, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 24.098, 342.065 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(195, 146, 174) }
```

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

```
.border{ border-color:rgb(195, 146, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 146, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 146, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 146, 174);  
box-shadow:4px 4px 4px 4px rgb(195, 146,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 24.098, 342.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 146, 174) }
```

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

```
.background{ background-color: rgb(195,  
146, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor