

Converting Colors

CIELCh(66, 33.254, 342.209)

Have a look what the booklet for
CIELCh(66, 33.254, 342.209)
contains.

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Color

CIELCh(66, 33.125, 342.708)

Conversions

Conversions Part 1

Format	Color
Hex	D08CB3
RGB	208, 140, 179
RGB Percent	82%, 55%, 70%
CMY	0.1851, 0.4517, 0.2988
CMYK	0.00, 0.33, 0.14, 0.19
HSL	326°, 42%, 68%
HSV	326°, 33%, 81%
XYZ	43.4178, 35.3238, 47.0700
YIQ	164.7780, 28.0090, 26.5450

Conversions

Conversions Part 2

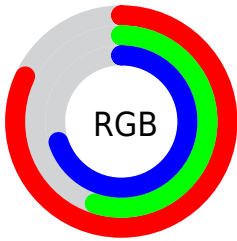
Format	Color
R _Y B	208, 140, 179
Decimal	13667507
CIE Lab	66.00, 31.63, -9.85
CIE LCh	66, 33.125, 342.708
Yxy	35.3238, 0.3451, 0.2808
Android (android.graphics.Color)	4291857587 (0xFFD08CB3)
YUV	164.7780, 7.0114, 37.9057
Hunter-Lab	59.4338, 26.3893, -5.3524

Details

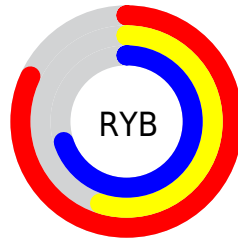
The CIELCh color $66, 33.125, 342.708$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 32.255, 156.947$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 30.521, 337.202$, and $46, 32.694, 342.810$ is the 20% darker color. If you saturate the color by 10%, you get $61, 43.018, 343.793$, and if you desaturate by 10%, it is $71, 22.948, 341.742$.

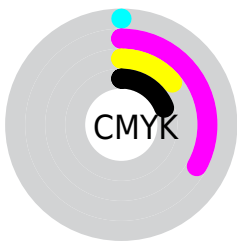
Distribution



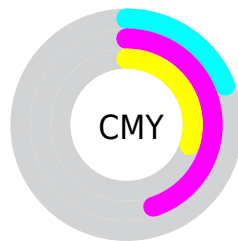
- Red (82%)
- Green (55%)
- Blue (70%)



- Red (82%)
- Yellow (55%)
- Blue (70%)



- Cyan (0%)
- Magenta (33%)
- Yellow (14%)
- Black (19%)





- Cyan (19%)
- Magenta (45%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 33.125, 342.708 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, 33.125, 342.708 by changing the saturation by 10% instead.


 66, 33.125,
342.708


 66, 33.125,
342.708


 100, 33.125,
342.708


 56, 33.125,
342.708


 86, 33.125,
342.708

 46, 33.125,
342.708

 96, 33.125,
342.708

 36, 33.125,
342.708

 26, 33.125,
342.708

 16, 33.125,
342.708

 6, 33.125, 342.708

 0, 33.125, 342.708

66, 33.125,
342.708

66, 33.125,
342.708

61, 43.018,
343.793

71, 22.948,
341.742

57, 52.270,
345.034

76, 12.752,
340.860

53, 60.410,
346.494

82, 2.699, 339.952

87, 7.112, 159.421

50, 66.917,
348.257

93, 16.631,
158.713

47, 71.341,
350.440

96, 20.319,
162.676

46, 73.486,
353.179

97, 17.798,
174.196

45, 73.991,
355.512

97, 16.145,
188.680

■ 97, 15.694,
198.462

Harmonies

Complementary

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



66, 33.125, 342.708



78, 32.255, 156.947

Rectangle

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



66, 33.125, 342.708



66, 33.125, 32.708



66, 33.125, 162.708



66, 33.125, 212.708

Sweetspot

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



66, 33.122, 342.709



94, 11.811, 340.639



63, 39.378, 307.926



49, 8.069, 340.759



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, 33.122, 342.709



76, 46.500, 343.425



65, 27.707, 15.903



41, 5.701, 340.579



36, 63.400, 354.953



5, 22.671, 349.082

Inverse Universe

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



66, 33.122, 342.709



76, 46.500, 343.425



79, 22.933, 190.107



41, 5.701, 340.579



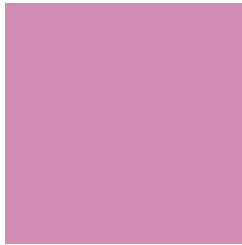
36, 63.400, 354.953



5, 22.671, 349.082

Previews

White Background



This preview shows how the CIELCh color 66, 33.125, 342.708 looks on a white background.

Color Contrast Check

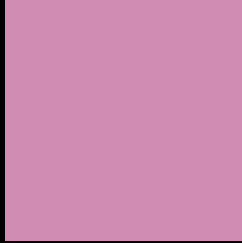
Large Text (above 18pt) WCAG AA × Fail

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, 33.125, 342.708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

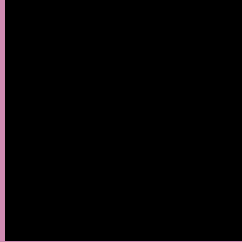
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 33.125, 342.708

Background



This preview shows how black text looks on a background with the CIELCh color 66, 33.125, 342.708.



This preview shows how white text looks on a background with the CIELCh color 66, 33.125, 342.708.

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, 33.125, 342.708

Protanopia

66, 18.337, 286.651

Deuteranopia

66, 12.153, 314.585



Tritanopia
66, 24.897, 8.035

Trichromacy



Original Color
66, 33.125, 342.708

Protanomaly
66, 21.095, 314.214

Deuteranomaly
66, 19.425, 330.994

Tritanomaly
66, 27.509, 356.377

Monochromacy



Original Color
66, 33.125, 342.708

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 12.276, 341.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 33.125, 342.708 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(208, 140, 179)` looks like.

```
.text, #text, p{  
    color:rgb(208, 140, 179)  
}
```

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(208, 140, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 140, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 33.125, 342.708 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(208, 140, 179) }
```

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

```
.border{ border-color:rgb(208, 140, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 140, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 140, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 140, 179);  
box-shadow:4px 4px 4px 4px rgb(208, 140,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 33.125, 342.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 140, 179) }
```

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

```
.background{ background-color: rgb(208,  
140, 179) }
```

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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