

Converting Colors

CIELCh(66, 33.624, 338.058)

Have a look what the booklet for
CIELCh(66, 33.624, 338.058)
contains.

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Color

CIELCh(66, 33.993, 337.605)

Conversions

Conversions Part 1

Format	Color
Hex	CD8CB8
RGB	205, 140, 184
RGB Percent	80%, 55%, 72%
CMY	0.1950, 0.4499, 0.2774
CMYK	0.00, 0.32, 0.10, 0.19
HSL	319°, 40%, 68%
HSV	319°, 32%, 81%
XYZ	43.3507, 35.3238, 50.0292
YIQ	164.4510, 24.6160, 27.4640

Conversions

Conversions Part 2

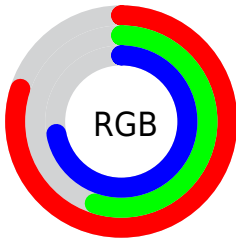
Format	Color
R _Y B	205, 140, 184
Decimal	13470904
CIE Lab	66.00, 31.43, -12.95
CIE LCh	66, 33.993, 337.605
Yxy	35.3238, 0.3368, 0.2745
Android (android.graphics.Color)	4291660984 (0xFFCD8CB8)
YUV	164.4510, 9.6377, 35.5615
Hunter-Lab	59.4338, 26.1876, -8.3044

Details

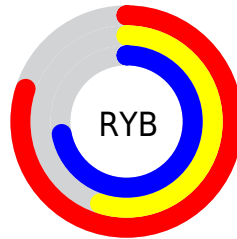
The CIELCh color $66, 33.993, 337.605$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 33.549, 152.606$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 32.306, 333.794$, and $46, 33.898, 337.773$ is the 20% darker color. If you saturate the color by 10%, you get $61, 44.418, 338.484$, and if you desaturate by 10%, it is $71, 23.246, 336.793$.

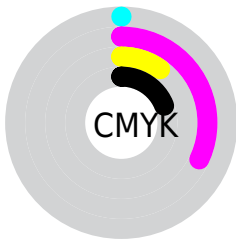
Distribution



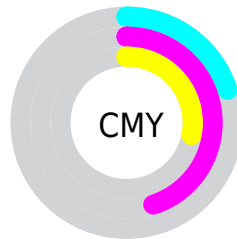
- Red (80%)
- Green (55%)
- Blue (72%)



- Red (80%)
- Yellow (55%)
- Blue (72%)



- Cyan (0%)
- Magenta (32%)
- Yellow (10%)
- Black (19%)





- Cyan (20%)
- Magenta (45%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 33.993, 337.605 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, 33.993, 337.605 by changing the saturation by 10% instead.


 66, 33.993,
337.605


 66, 33.993,
337.605


 100, 33.993,
337.605


 56, 33.993,
337.605


 86, 33.993,
337.605

 46, 33.993,
337.605

 96, 33.993,
337.605

 36, 33.993,
337.605

 26, 33.993,
337.605

 16, 33.993,
337.605

 6, 33.993, 337.605

 0, 33.993, 337.605

66, 33.993,
337.605

66, 33.993,
337.605

61, 44.418,
338.484

71, 23.246,
336.793

57, 54.159,
339.449

76, 12.449,
336.028

53, 62.741,
340.532

82, 1.772, 335.154

87, 8.678, 154.734

50, 69.638,
341.779

93, 18.844,
154.093

48, 74.376,
343.259


96, 23.682,
156.059

46, 76.705,
345.055

96, 21.400,
162.544

45, 77.167,
346.805

96, 19.422,
170.413

 96, 17.855,
179.816

Harmonies

Complementary

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



66, 33.993, 337.605



77, 33.549, 152.606

Rectangle

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



66, 33.993, 337.605



66, 33.993, 27.605



66, 33.993, 157.605



66, 33.993, 207.605

Sweetspot

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



66, 33.990, 337.606



94, 12.704, 335.912



62, 37.273, 304.529



49, 8.677, 336.019



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, 33.990, 337.606



77, 48.452, 338.196



65, 26.654, 8.090



40, 6.009, 335.857



36, 66.016, 346.430



4, 22.326, 342.174

Inverse Universe

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



66, 33.990, 337.606



77, 48.452, 338.196



78, 23.192, 181.639



40, 6.009, 335.857



36, 66.016, 346.430



4, 22.326, 342.174

Previews

White Background



This preview shows how the CIELCh color 66, 33.993, 337.605 looks on a white background.

Color Contrast Check

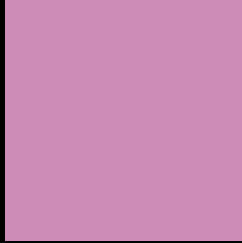
Large Text (above 18pt) WCAG AA × Fail

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, 33.993, 337.605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

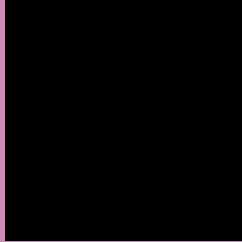
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 33.993, 337.605

Background



This preview shows how black text looks on a background with the CIELCh color 66, 33.993, 337.605.




This preview shows how white text looks on a background with the CIELCh color 66, 33.993, 337.605.

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, 23.396, 5.535

Trichromacy



Original Color
66, 33.993, 337.605

Protanomaly
66, 23.334, 309.189

Deuteranomaly
66, 20.499, 324.456

Tritanomaly
66, 26.520, 352.448

Monochromacy



Original Color
66, 33.993, 337.605

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 12.702, 336.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 33.993, 337.605 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(205, 140, 184)` looks like.

```
.text, #text, p{  
    color:rgb(205, 140, 184)  
}
```

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(205, 140, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 140, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 33.993, 337.605 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(205, 140, 184) }
```

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

```
.border{ border-color:rgb(205, 140, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 140, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 140, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 140, 184);  
box-shadow:4px 4px 4px 4px rgb(205, 140,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 33.993, 337.605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 140, 184) }
```

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

```
.background{ background-color: rgb(205,  
140, 184) }
```

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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