

Converting Colors

CIELCh(64, 34.115, 337.315)

Have a look what the booklet for
CIELCh(64, 34.115, 337.315)
contains.

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Color

CIELCh(64, 34.143, 337.667)

Conversions

Conversions Part 1

Format	Color
Hex	C887B3
RGB	200, 135, 179
RGB Percent	78%, 53%, 70%
CMY	0.2162, 0.4711, 0.2986
CMYK	0.00, 0.33, 0.11, 0.22
HSL	319°, 37%, 66%
HSV	319°, 33%, 78%
XYZ	40.5518, 32.8017, 46.7715
YIQ	159.4510, 24.6160, 27.4640

Conversions

Conversions Part 2

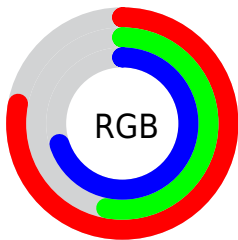
Format	Color
RYB	200, 135, 179
Decimal	13141939
CIELab	64.00, 31.58, -12.97
CIELCh	64, 34.143, 337.667
Yxy	32.8017, 0.3376, 0.2731
Android (android.graphics.Color)	4291332019 (0xFFC887B3)
YUV	159.4510, 9.6377, 35.5615
Hunter-Lab	57.2727, 26.1592, -8.3279

Details

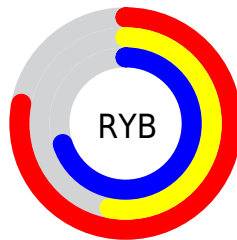
The CIELCh color $64, 34.143, 337.667$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 33.692, 152.520$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 33.602, 336.280$, and $44, 34.065, 337.883$ is the 20% darker color. If you saturate the color by 10%, you get $59, 44.306, 338.550$, and if you desaturate by 10%, it is $69, 23.641, 336.852$.

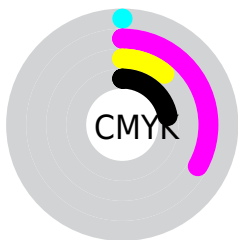
Distribution



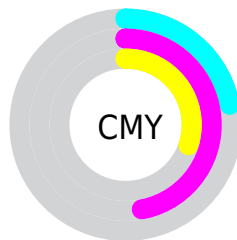
- Red (78%)
- Green (53%)
- Blue (70%)



- Red (78%)
- Yellow (53%)
- Blue (70%)



- Cyan (0%)
- Magenta (33%)
- Yellow (11%)
- Black (22%)





- Cyan (22%)
- Magenta (47%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 34.143, 337.667 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 64, 34.143, 337.667 by changing the saturation by 10% instead.

 64, 34.143,
337.667

 64, 34.143,
337.667


 100, 34.143,
337.667

 54, 34.143,
337.667

 84, 34.143,
337.667

 44, 34.143,
337.667

 94, 34.143,
337.667

 34, 34.143,
337.667

 24, 34.143,
337.667

 14, 34.143,
337.667

 4, 34.143, 337.667

 0, 34.143, 337.667

64, 34.143,
337.667

64, 34.143,
337.667

59, 44.306,
338.550

69, 23.641,
336.852

55, 53.769,
339.521

74, 13.071,
336.085

52, 62.063,
340.612

79, 2.609, 335.273

49, 68.672,
341.871

85, 7.639, 154.789

46, 73.145,
343.367

90, 17.612,
154.142


45, 75.261,
345.185

95, 27.284,
153.551

44, 75.668,
346.754

96, 25.060,
158.658

96, 22.927,
164.792

 96, 21.077,
172.053

Harmonies

Complementary

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



64, 34.143, 337.667



75, 33.692, 152.520

Rectangle

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



64, 34.143, 337.667



64, 34.143, 27.667



64, 34.143, 157.667



64, 34.143, 207.667

Sweetspot

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



64, 34.140, 337.668



94, 12.705, 335.907



60, 37.492, 304.591



49, 8.677, 336.014



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64, 34.140, 337.668



76, 49.686, 338.282



63, 26.821, 8.209



39, 5.885, 335.850



36, 65.285, 346.392



4, 20.172, 342.000

Inverse Universe

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



64, 34.140, 337.668



76, 49.686, 338.282



76, 23.249, 181.560



39, 5.885, 335.850



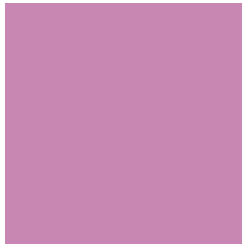
36, 65.285, 346.392



4, 20.172, 342.000

Previews

White Background



This preview shows how the CIELCh color 64, 34.143, 337.667 looks on a white background.

Color Contrast Check

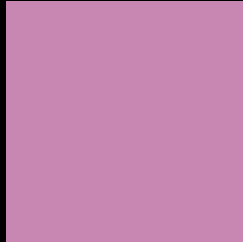
Large Text (above 18pt) WCAG AA × Fail

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 64, 34.143, 337.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

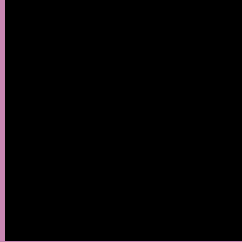
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 34.143, 337.667

Background



This preview shows how black text looks on a background with the CIELCh color 64, 34.143, 337.667.




This preview shows how white text looks on a background with the CIELCh color 64, 34.143, 337.667.

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
64, 23.056, 6.636

Trichromacy



Original Color
64, 34.143, 337.667

Protanomaly
64, 23.466, 309.217

Deuteranomaly
64, 21.090, 323.652

Tritanomaly
64, 26.098, 353.148

Monochromacy



Original Color
64, 34.143, 337.667

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 12.786, 336.614

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 34.143, 337.667 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(200, 135, 179)` looks like.

```
.text, #text, p{  
    color:rgb(200, 135, 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(200, 135, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 135, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 34.143, 337.667 is called "border". The border property can be set on classes, ids or directly on the HTML element.

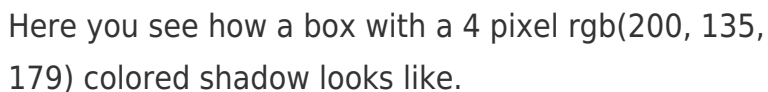
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 135, 179) }
```

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

```
.border{ border-color:rgb(200, 135, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(200, 135, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 135, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 135, 179);  
box-shadow:4px 4px 4px 4px rgb(200, 135,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 34.143, 337.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 135, 179) }
```

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

```
.background{ background-color: rgb(200,  
135, 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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