

Converting Colors

CIELCh(63, 41.618, 333.524)

Have a look what the booklet for
CIELCh(63, 41.618, 333.524)
contains.

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Color

CIELCh(63, 41.621, 333.524)

Conversions

Conversions Part 1

Format	Color
Hex	CA80BA
RGB	202, 128, 186
RGB Percent	79%, 50%, 73%
CMY	0.2074, 0.4976, 0.2702
CMYK	0.00, 0.37, 0.08, 0.21
HSL	313°, 41%, 65%
HSV	313°, 37%, 79%
XYZ	40.9941, 31.5869, 50.4507
YIQ	156.7380, 25.4860, 33.7260

Conversions

Conversions Part 2

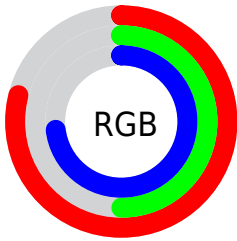
Format	Color
R_{YB}	202, 128, 186
Decimal	13271226
CIE _{Lab}	63.00, 37.26, -18.56
CIE _{LCh}	63, 41.621, 333.524
Yxy	31.5869, 0.3332, 0.2567
Android (android.graphics.Color)	4291461306 (0xFFCA80BA)
YUV	156.7380, 14.4262, 39.6948
Hunter-Lab	56.2022, 31.8446, -13.8809

Details

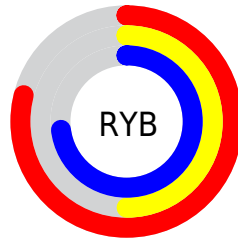
The CIELCh color $63, 41.621, 333.524$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 41.430, 148.148$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 40.505, 331.584$, and $43, 41.681, 333.598$ is the 20% darker color. If you saturate the color by 10%, you get $59, 52.306, 334.254$, and if you desaturate by 10%, it is $68, 30.384, 332.823$.

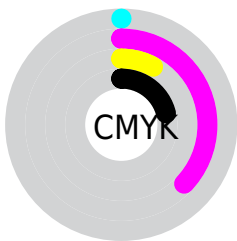
Distribution



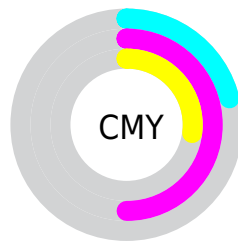
- Red (79%)
- Green (50%)
- Blue (73%)



- Red (79%)
- Yellow (50%)
- Blue (73%)



- Cyan (0%)
- Magenta (37%)
- Yellow (8%)
- Black (21%)





- Cyan (21%)
- Magenta (50%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 41.621, 333.524 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 63, 41.621, 333.524 by changing the saturation by 10% instead.

 63, 41.621,
333.524


 63, 41.621,
333.524


 100, 41.621,
333.524


 53, 41.621,
333.524


 83, 41.621,
333.524

 43, 41.621,
333.524

 93, 41.621,
333.524

 33, 41.621,
333.524

 23, 41.621,
333.524

 13, 41.621,
333.524

 3, 41.621, 333.524

 0, 41.621, 333.524

63, 41.621,
333.524

63, 41.621,
333.524

59, 52.306,
334.254

68, 30.384,
332.823

55, 62.015,
335.018

73, 18.932,
332.144

51, 70.237,
335.830

78, 7.493, 331.474

49, 76.464,
336.713

83, 3.783, 150.982

47, 80.324,
337.702

89, 14.804,
150.332

46, 81.774,
338.840

94, 25.523,
149.763

46, 81.998,
339.245

96, 27.216,
151.777

96, 25.567,
155.100

■ 96, 24.002,
158.851

Harmonies

Complementary

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



63, 41.621, 333.524



75, 41.430, 148.148

Rectangle

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



63, 41.621, 333.524



63, 41.621, 23.524



63, 41.621, 153.524



63, 41.621, 203.524

Sweetspot

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



63, 41.618, 333.524



93, 15.091, 331.780



58, 42.546, 301.169



49, 10.148, 331.872



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 41.618, 333.524



74, 59.826, 334.104



62, 31.564, 0.243



40, 6.485, 331.663



37, 70.920, 339.053



5, 24.329, 336.179

Inverse Universe

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



63, 41.618, 333.524



74, 59.826, 334.104



76, 28.301, 172.254



40, 6.485, 331.663



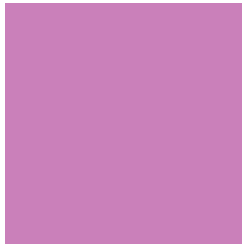
37, 70.920, 339.053



5, 24.329, 336.179

Previews

White Background



This preview shows how the CIELCh color 63, 41.621, 333.524 looks on a white background.

Color Contrast Check

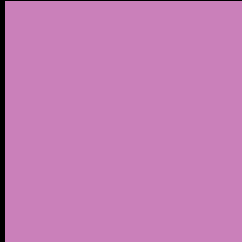
Large Text (above 18pt) WCAG AA × Fail

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 63, 41.621, 333.524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

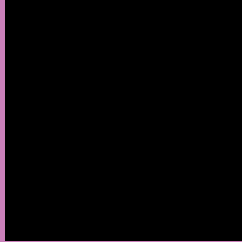
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 41.621, 333.524

Background



This preview shows how black text looks on a background with the CIELCh color 63, 41.621, 333.524.



This preview shows how white text looks on a background with the CIELCh color 63, 41.621, 333.524.

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
63, 41.621, 333.524

Protanopia
63, 28.654, 285.376

Deuteranopia
63, 18.575, 296.524



Tritanopia
63, 25.085, 9.447

Trichromacy



Original Color
63, 41.621, 333.524

Protanomaly
63, 30.557, 305.590

Deuteranomaly
63, 26.014, 317.150

Tritanomaly
63, 29.713, 351.360

Monochromacy



Original Color
63, 41.621, 333.524

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 16.006, 330.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 41.621, 333.524 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(202, 128, 186)` looks like.

```
.text, #text, p{  
    color:rgb(202, 128, 186)  
}
```

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(202, 128, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 128, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 41.621, 333.524 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(202, 128, 186) }
```

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

```
.border{ border-color:rgb(202, 128, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 128, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 128, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 128, 186); box-shadow:4px 4px 4px 4px rgb(202, 128, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 41.621, 333.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 128, 186) }
```

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

```
.background{ background-color: rgb(202,  
128, 186) }
```

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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