

Converting Colors

CIELCh(63, 32.919, 343.696)

Have a look what the booklet for
CIELCh(63, 32.919, 343.696)
contains.

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Color

CIELCh(63, 33.056, 343.612)

Conversions

Conversions Part 1

Format	Color
Hex	C884AA
RGB	200, 132, 170
RGB Percent	78%, 52%, 67%
CMY	0.2166, 0.4832, 0.3342
CMYK	0.00, 0.34, 0.15, 0.22
HSL	326°, 38%, 65%
HSV	326°, 34%, 78%
XYZ	39.2160, 31.5869, 41.9525
YIQ	156.6640, 28.3300, 26.2340

Conversions

Conversions Part 2

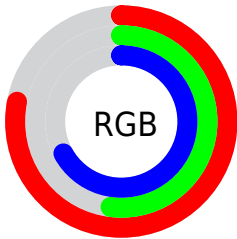
Format	Color
R_{YB}	200, 132, 170
Decimal	13141162
CIE _{Lab}	63.00, 31.71, -9.33
CIE _{LCh}	63, 33.056, 343.612
Yxy	31.5869, 0.3478, 0.2801
Android (android.graphics.Color)	4291331242 (0xFFC884AA)
YUV	156.6640, 6.5746, 38.0057
Hunter-Lab	56.2022, 26.1973, -4.9158

Details

The CIELCh color $63, 33.056, 343.612$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 32.084, 157.502$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 32.159, 342.611$, and $43, 33.236, 343.574$ is the 20% darker color. If you saturate the color by 10%, you get $58, 42.515, 344.742$, and if you desaturate by 10%, it is $68, 23.298, 342.613$.

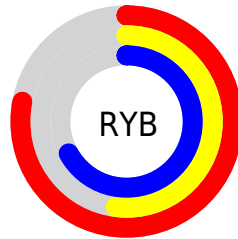
Distribution



Red (78%)

Green (52%)

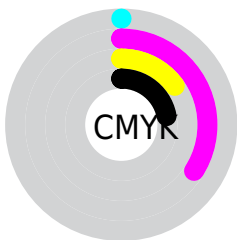
Blue (67%)



Red (78%)

Yellow (52%)

Blue (67%)

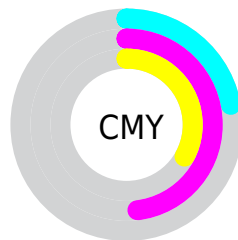


Cyan (0%)

Magenta (34%)

Yellow (15%)

Black (22%)



Cyan (22%)


Magenta (48%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 33.056, 343.612 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, 33.056, 343.612 by changing the saturation by 10% instead.


 63, 33.056,
343.612


 63, 33.056,
343.612


 100, 33.056,
343.612


 53, 33.056,
343.612


 83, 33.056,
343.612

 43, 33.056,
343.612

 93, 33.056,
343.612

 33, 33.056,
343.612

 23, 33.056,
343.612

 13, 33.056,
343.612

 3, 33.056, 343.612

 0, 33.056, 343.612

63, 33.056,
343.612

63, 33.056,
343.612

58, 42.515,
344.742

68, 23.298,
342.613

54, 51.320,
346.045

73, 13.504,
341.706

51, 59.013,
347.588

78, 3.840, 340.821

84, 5.597, 160.243

48, 65.094,
349.467

89, 14.753,
159.511

45, 69.149,
351.805

95, 23.607,
158.863

44, 71.037,
354.746

96, 22.660,
165.824

43, 71.503,
356.744

96, 20.293,
176.267

■ 96, 18.698,
188.901

Harmonies

Complementary

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



63, 33.056, 343.612



75, 32.084, 157.502

Rectangle

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



63, 33.056, 343.612



63, 33.056, 33.612



63, 33.056, 163.612



63, 33.056, 213.612

Sweetspot

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



63, 33.053, 343.613



93, 11.691, 341.370



60, 39.814, 308.553



49, 7.988, 341.493



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, 33.053, 343.613



75, 48.376, 344.453



62, 28.042, 17.361



39, 5.415, 341.304



35, 61.672, 356.164



4, 18.496, 349.355

Inverse Universe

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



63, 33.053, 343.613



75, 48.376, 344.453



76, 22.848, 191.528



39, 5.415, 341.304



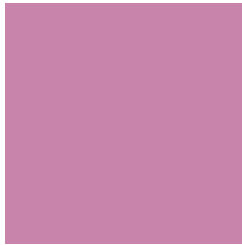
35, 61.672, 356.164



4, 18.496, 349.355

Previews

White Background



This preview shows how the CIELCh color 63, 33.056, 343.612 looks on a white background.

Color Contrast Check

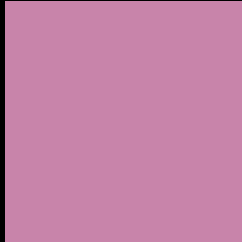
Large Text (above 18pt) WCAG AA × Fail

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, 33.056, 343.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

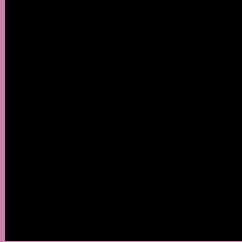
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 33.056, 343.612

Background



This preview shows how black text looks on a background with the CIELCh color 63, 33.056, 343.612.

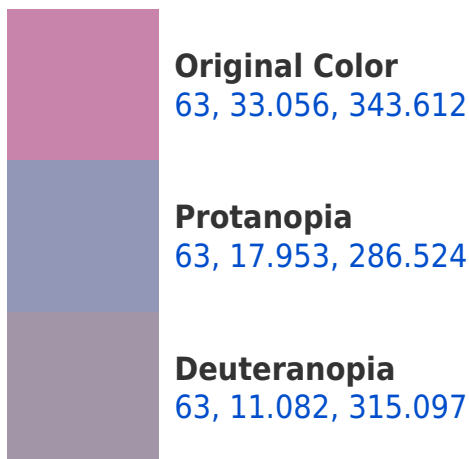


This preview shows how white text looks on a background with the CIELCh color 63, 33.056, 343.612.

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
63, 25.085, 9.447

Trichromacy



Original Color
63, 33.056, 343.612

Protanomaly
63, 20.773, 314.829

Deuteranomaly
63, 18.509, 332.336

Tritanomaly
63, 27.567, 357.616

Monochromacy



Original Color
63, 33.056, 343.612

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 12.400, 341.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 33.056, 343.612 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, 132, 170)` looks like.

```
.text, #text, p{  
    color:rgb(200, 132, 170)  
}
```

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, 132, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 132, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 33.056, 343.612 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, 132, 170) }
```

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

```
.border{ border-color:rgb(200, 132, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 132, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 132, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 132, 170);  
box-shadow:4px 4px 4px 4px rgb(200, 132,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 33.056, 343.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 132, 170) }
```

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

```
.background{ background-color: rgb(200,  
132, 170) }
```

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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