

Converting Colors

CIELCh(63, 29.652, 341.137)

Have a look what the booklet for
CIELCh(63, 29.652, 341.137)
contains.

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Color

CIELCh(63, 29.493, 341.460)

Conversions

Conversions Part 1

Format	Color
Hex	C287AA
RGB	194, 135, 170
RGB Percent	76%, 53%, 67%
CMY	0.2402, 0.4715, 0.3343
CMYK	0.00, 0.30, 0.12, 0.24
HSL	324°, 32%, 64%
HSV	324°, 30%, 76%
XYZ	38.0425, 31.5869, 41.9969
YIQ	156.6310, 23.9290, 23.3930

Conversions

Conversions Part 2

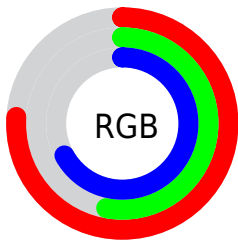
Format	Color
RYB	194, 135, 170
Decimal	12748714
CIELab	63.00, 27.96, -9.38
CIELCh	63, 29.493, 341.460
Yxy	31.5869, 0.3408, 0.2830
Android (android.graphics.Color)	4290938794 (0xFFC287AA)
YUV	156.6310, 6.5909, 32.7726
Hunter-Lab	56.2022, 22.4701, -4.9626

Details

The CIELCh color $63, 29.493, 341.460$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 28.843, 156.304$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 29.255, 341.592$, and $43, 29.631, 341.001$ is the 20% darker color. If you saturate the color by 10%, you get $58, 39.030, 342.472$, and if you desaturate by 10%, it is $68, 19.742, 340.549$.

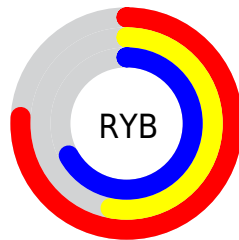
Distribution



Red (76%)

Green (53%)

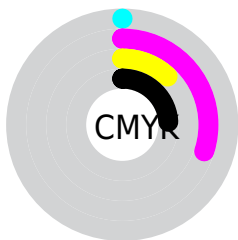
Blue (67%)



Red (76%)

Yellow (53%)

Blue (67%)

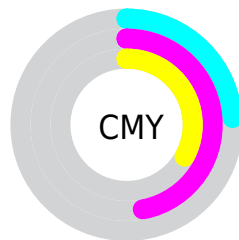


Cyan (0%)

Magenta (30%)

Yellow (12%)

Black (24%)



Cyan (24%)


Magenta (47%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 29.493, 341.460 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, 29.493, 341.460 by changing the saturation by 10% instead.

 63, 29.493,
341.460


 63, 29.493,
341.460


 100, 29.493,
341.460


 53, 29.493,
341.460


 83, 29.493,
341.460

 43, 29.493,
341.460

 93, 29.493,
341.460

 33, 29.493,
341.460

 23, 29.493,
341.460

 13, 29.493,
341.460

 3, 29.493, 341.460

 0, 29.493, 341.460

63, 29.493,
341.460

63, 29.493,
341.460

58, 39.030,
342.472

68, 19.742,
340.549

54, 48.040,
343.614

73, 10.007,
339.706

50, 56.100,
344.938

78, 0.426, 338.128

47, 62.724,
346.515

83, 8.917, 158.322

45, 67.454,
348.441

89, 17.982,
157.649

43, 70.020,
350.839

94, 26.751,
157.035

42, 70.823,
353.597

95, 26.363,
161.943

96, 23.944,
169.455

■ 96, 21.976,
178.430

Harmonies

Complementary

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



63, 29.493, 341.460



74, 28.843, 156.304

Rectangle

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



63, 29.493, 341.460



63, 29.493, 31.460



63, 29.493, 161.460



63, 29.493, 211.460

Sweetspot

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



63, 29.491, 341.461



93, 10.679, 339.598



60, 34.428, 307.216



49, 7.492, 339.721



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, 29.491, 341.461



76, 44.354, 342.172



62, 24.180, 14.274



38, 5.428, 339.617



35, 61.794, 353.111



3, 16.787, 346.676

Inverse Universe

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



63, 29.491, 341.461



76, 44.354, 342.172



74, 20.465, 188.815



38, 5.428, 339.617



35, 61.794, 353.111



3, 16.787, 346.676

Previews

White Background



This preview shows how the CIELCh color 63, 29.493, 341.460 looks on a white background.

Color Contrast Check

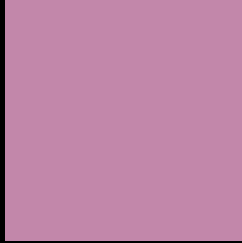
Large Text (above 18pt) WCAG AA × Fail

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 63, 29.493, 341.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

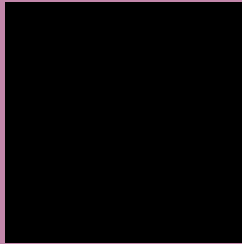
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 29.493, 341.460

Background



This preview shows how black text looks on a background with the CIELCh color 63, 29.493, 341.460.

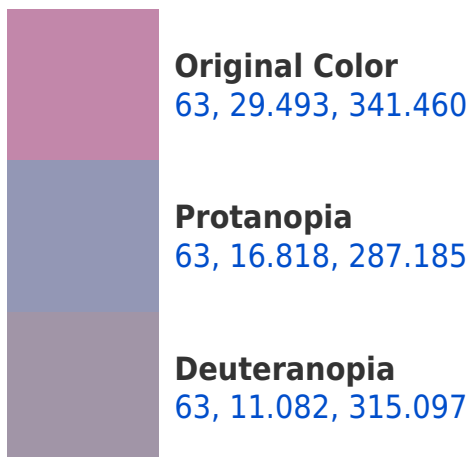


This preview shows how white text looks on a background with the CIELCh color 63, 29.493, 341.460.

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, 21.940, 5.679

Trichromacy



Original Color
63, 29.493, 341.460

Protanomaly
63, 19.322, 313.038

Deuteranomaly
63, 17.355, 330.582

Tritanomaly
63, 24.107, 354.697

Monochromacy



Original Color
63, 29.493, 341.460

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 11.155, 340.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 29.493, 341.460 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(194, 135, 170)` looks like.

```
.text, #text, p{  
    color:rgb(194, 135, 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(194, 135, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 135, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 29.493, 341.460 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(194, 135, 170) }
```

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

```
.border{ border-color:rgb(194, 135, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 135, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 135, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 135, 170);  
box-shadow:4px 4px 4px 4px rgb(194, 135,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 29.493, 341.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 135, 170) }
```

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

```
.background{ background-color: rgb(194,  
135, 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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