

Converting Colors

CIELCh(65, 43.239, 319.829)

Have a look what the booklet for
CIELCh(65, 43.239, 319.829)
contains.

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Color

CIELCh(65, 43.211, 319.853)

Conversions

Conversions Part 1

Format	Color
Hex	C18AD0
RGB	193, 138, 208
RGB Percent	76%, 54%, 82%
CMY	0.2433, 0.4590, 0.1845
CMYK	0.07, 0.34, 0.00, 0.18
HSL	287°, 43%, 68%
HSV	287°, 34%, 82%
XYZ	42.4416, 34.0472, 63.9787
YIQ	162.4250, 10.3100, 33.4300

Conversions

Conversions Part 2

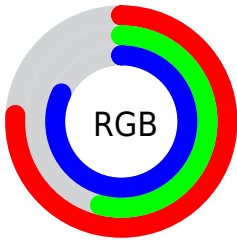
Format	Color
RYB	193, 138, 208
Decimal	12683984
CIELab	65.00, 33.03, -27.86
CIELCh	65, 43.211, 319.853
Yxy	34.0472, 0.3021, 0.2424
Android (android.graphics.Color)	4290874064 (0xFFC18AD0)
YUV	162.4250, 22.4685, 26.8143
Hunter-Lab	58.3500, 27.7219, -24.1644

Details

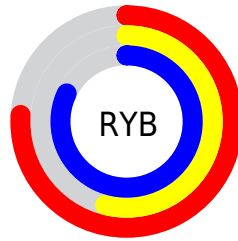
The CIELCh color $65, 43.211, 319.853$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 42.509, 136.600$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 38.655, 323.522$, and $45, 42.944, 319.796$ is the 20% darker color. If you saturate the color by 10%, you get $60, 55.887, 320.255$, and if you desaturate by 10%, it is $70, 30.285, 319.417$.

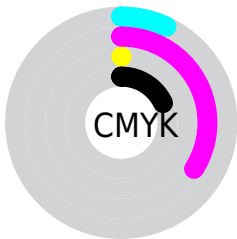
Distribution



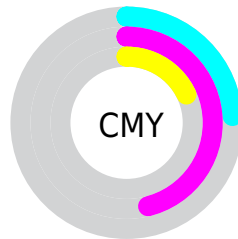
- Red (76%)
- Green (54%)
- Blue (82%)



- Red (76%)
- Yellow (54%)
- Blue (82%)



- Cyan (7%)
- Magenta (34%)
- Yellow (0%)
- Black (18%)





- Cyan (24%)
- Magenta (46%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 43.211, 319.853 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 65, 43.211, 319.853 by changing the saturation by 10% instead.


 65, 43.211,
319.853


 65, 43.211,
319.853


 100, 43.211,
319.853


 55, 43.211,
319.853


 85, 43.211,
319.853

 45, 43.211,
319.853

 95, 43.211,
319.853

 35, 43.211,
319.853

 25, 43.211,
319.853

 15, 43.211,
319.853

 5, 43.211, 319.853

 0, 43.211, 319.853

65, 43.211,
319.853

65, 43.211,
319.853

60, 55.887,
320.255

70, 30.285,
319.417

55, 67.954,
320.594

76, 17.365,
318.968

51, 78.920,
320.830

81, 4.612, 318.495

47, 88.195,
320.917

87, 7.877, 138.144

93, 20.047,
137.728

45, 95.194,
320.808


97, 27.223,
136.442

43, 99.532,
320.461

97, 26.475,
133.498

42, 101.224,
320.147

97, 25.800,
130.355

 97, 25.206,
127.019

Harmonies

Complementary

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



65, 43.211, 319.853



78, 42.509, 136.600

Rectangle

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



65, 43.211, 319.853



65, 43.211, 9.853



65, 43.211, 139.853



65, 43.211, 189.853

Sweetspot

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



65, 43.209, 319.853



93, 14.957, 318.807



64, 30.790, 284.344



49, 10.217, 318.871



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 43.209, 319.853



74, 60.520, 320.132



66, 37.475, 336.031



41, 7.220, 318.774



33, 86.438, 320.257



4, 29.183, 319.566

Inverse Universe

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



65, 28.904, 6.066



74, 40.974, 7.206



78, 37.113, 150.853



41, 4.634, 2.985



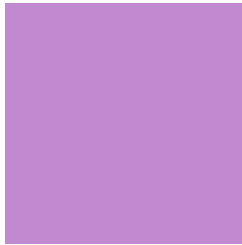
35, 67.220, 27.938



4, 20.244, 9.558

Previews

White Background



This preview shows how the CIELCh color 65, 43.211, 319.853 looks on a white background.

Color Contrast Check

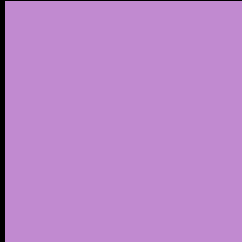
Large Text (above 18pt) WCAG AA × Fail

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 65, 43.211, 319.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

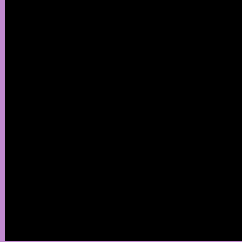
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 43.211, 319.853

Background



This preview shows how black text looks on a background with the CIELCh color 65, 43.211, 319.853.



This preview shows how white text looks on a background with the CIELCh color 65, 43.211, 319.853.

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
65, 16.013, 358.753

Trichromacy



Original Color
65, 43.211, 319.853



Protanomaly
65, 38.073, 298.390



Deuteranomaly
65, 32.273, 302.398



Tritanomaly
65, 24.849, 334.578

Monochromacy



Original Color
65, 43.211, 319.853



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 16.285, 318.495

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 43.211, 319.853 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(193, 138, 208)` looks like.

```
.text, #text, p{  
    color:rgb(193, 138, 208)  
}
```

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(193, 138, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 138, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 43.211, 319.853 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(193, 138, 208) }
```

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

```
.border{ border-color:rgb(193, 138, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 138, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 138, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 138, 208);  
box-shadow:4px 4px 4px 4px rgb(193, 138,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 43.211, 319.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 138, 208) }
```

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

```
.background{ background-color: rgb(193,  
138, 208) }
```

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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