

Converting Colors

CIELCh(66, 36.251, 326.893)

Have a look what the booklet for
CIELCh(66, 36.251, 326.893)
contains.

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Color

CIELCh(66, 35.930, 326.966)

Conversions

Conversions Part 1

Format	Color
Hex	C68EC4
RGB	198, 142, 196
RGB Percent	78%, 56%, 77%
CMY	0.2236, 0.4432, 0.2315
CMYK	0.00, 0.28, 0.01, 0.22
HSL	302°, 33%, 67%
HSV	302°, 28%, 78%
XYZ	42.9104, 35.3238, 56.7640
YIQ	164.9000, 16.0420, 28.6660

Conversions

Conversions Part 2

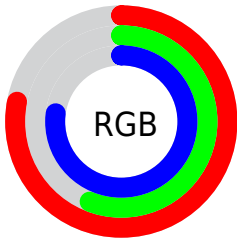
Format	Color
RYB	198, 142, 196
Decimal	13012676
CIELab	66.00, 30.12, -19.59
CIElCh	66, 35.930, 326.966
Yxy	35.3238, 0.3179, 0.2617
Android (android.graphics.Color)	4291202756 (0xFFC68EC4)
YUV	164.9000, 15.3323, 29.0287
Hunter-Lab	59.4338, 24.8653, -15.0229

Details

The CIELCh color $66, 35.930, 326.966$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 35.919, 143.452$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 36.169, 326.650$, and $46, 35.673, 326.878$ is the 20% darker color. If you saturate the color by 10%, you get $62, 48.295, 327.502$, and if you desaturate by 10%, it is $71, 23.232, 326.411$.

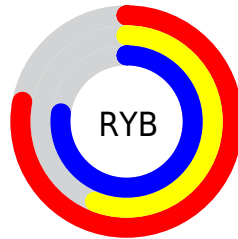
Distribution



Red (78%)

Green (56%)

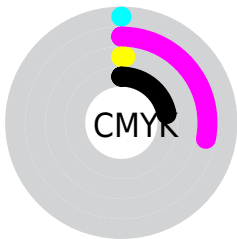
Blue (77%)



Red (78%)

Yellow (56%)

Blue (77%)

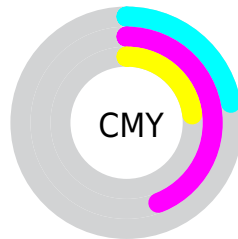


Cyan (0%)

Magenta (28%)

Yellow (1%)

Black (22%)



Cyan (22%)


Magenta (44%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 35.930, 326.966 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 66, 35.930, 326.966 by changing the saturation by 10% instead.


 66, 35.930,
326.966


 66, 35.930,
326.966


 100, 35.930,
326.966


 56, 35.930,
326.966


 86, 35.930,
326.966

 46, 35.930,
326.966

 96, 35.930,
326.966

 36, 35.930,
326.966

 26, 35.930,
326.966

 16, 35.930,
326.966

 6, 35.930, 326.966

 0, 35.930, 326.966

66, 35.930,
326.966

66, 35.930,
326.966

62, 48.295,
327.502

71, 23.232,
326.411

58, 59.965,
328.007

76, 10.480,
325.841

54, 70.482,
328.467

81, 2.142, 145.439

51, 79.345,
328.868

86, 14.513,
144.797

49, 86.096,
329.203

91, 26.563,
144.270

48, 90.457,
329.469

95, 34.806,
144.012


47, 92.583,
329.678

95, 34.510,
144.355

47, 92.866,

95, 34.215,
144.702

329.711

 95, 33.921,
145.056

Harmonies

Complementary

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



66, 35.930, 326.966



75, 35.919, 143.452

Rectangle

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



66, 35.930, 326.966



66, 35.930, 16.966



66, 35.930, 146.966



66, 35.930, 196.966

Sweetspot

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



66, 35.928, 326.966



95, 12.428, 325.831



61, 31.589, 294.695



50, 8.840, 325.920



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 35.928, 326.966



80, 52.860, 327.303



65, 25.766, 348.173



39, 7.206, 325.905



38, 80.498, 329.690



4, 25.940, 328.202

Inverse Universe

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



66, 35.928, 326.966



80, 52.860, 327.303



76, 24.731, 162.850



39, 7.206, 325.905



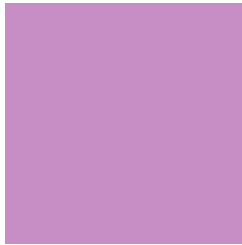
38, 80.498, 329.690



4, 25.940, 328.202

Previews

White Background



This preview shows how the CIELCh color 66, 35.930, 326.966 looks on a white background.

Color Contrast Check

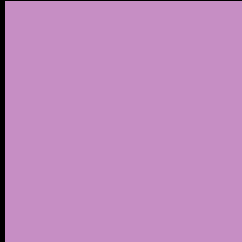
Large Text (above 18pt) WCAG AA × Fail

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 66, 35.930, 326.966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

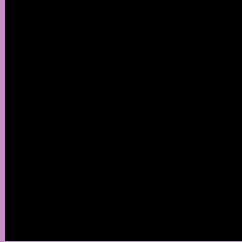
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 35.930, 326.966

Background



This preview shows how black text looks on a background with the CIELCh color 66, 35.930, 326.966.



This preview shows how white text looks on a background with the CIELCh color 66, 35.930, 326.966.

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
66, 18.221, 1.885

Trichromacy



Original Color
66, 35.930, 326.966

Protanomaly
66, 28.767, 301.887

Deuteranomaly
66, 24.695, 310.882

Tritanomaly
66, 23.780, 343.124

Monochromacy



Original Color
66, 35.930, 326.966

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 12.943, 326.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 35.930, 326.966 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(198, 142, 196)` looks like.

```
.text, #text, p{  
    color:rgb(198, 142, 196)  
}
```

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(198, 142, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 142, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 35.930, 326.966 is called "border". The border property can be set on classes, ids or directly on the HTML element.

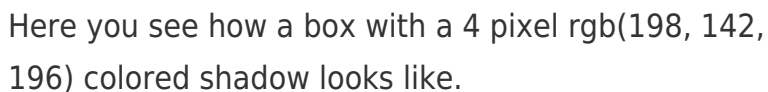
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 142, 196) }
```

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

```
.border{ border-color:rgb(198, 142, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 142, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 142, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 142, 196);  
box-shadow:4px 4px 4px 4px rgb(198, 142,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 35.930, 326.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 142, 196) }
```

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

```
.background{ background-color: rgb(198,  
142, 196) }
```

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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