

Converting Colors

CIELCh(66, 23.843, 339.721)

Have a look what the booklet for
CIELCh(66, 23.843, 339.721)
contains.

CIELCh(66, 23.843, 339.728)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 23.843, 339.728)

Conversions

Conversions Part 1

Format	Color
Hex	C293B0
RGB	194, 147, 176
RGB Percent	76%, 58%, 69%
CMY	0.2405, 0.4247, 0.3110
CMYK	0.00, 0.24, 0.09, 0.24
HSL	323°, 28%, 67%
HSV	323°, 24%, 76%
XYZ	40.3598, 35.3238, 45.6054
YIQ	164.3590, 18.7030, 18.9830

Conversions

Conversions Part 2

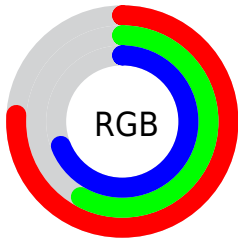
Format	Color
RYB	194, 147, 176
Decimal	12751792
CIELab	66.00, 22.37, -8.26
CIElCh	66, 23.843, 339.728
Yxy	35.3238, 0.3328, 0.2912
Android (android.graphics.Color)	4290941872 (0xFFC293B0)
YUV	164.3590, 5.7390, 25.9952
Hunter-Lab	59.4338, 17.2049, -3.8914

Details

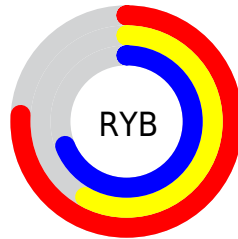
The CIELCh color $66, 23.843, 339.728$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 23.463, 155.863$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 24.173, 339.245$, and $46, 24.032, 339.371$ is the 20% darker color. If you saturate the color by 10%, you get $61, 33.675, 340.639$, and if you desaturate by 10%, it is $71, 13.932, 338.892$.

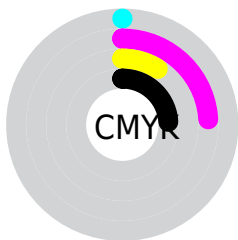
Distribution



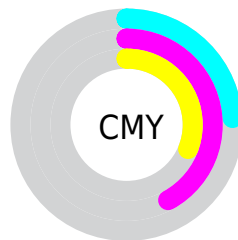
- Red (76%)
- Green (58%)
- Blue (69%)



- Red (76%)
- Yellow (58%)
- Blue (69%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (24%)




- Cyan (24%)
- Magenta (42%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 23.843, 339.728 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, 23.843, 339.728 by changing the saturation by 10% instead.


 66, 23.843,
339.728


 66, 23.843,
339.728


 100, 23.843,
339.728


 56, 23.843,
339.728


 86, 23.843,
339.728

 46, 23.843,
339.728

 96, 23.843,
339.728

 36, 23.843,
339.728

 26, 23.843,
339.728

 16, 23.843,
339.728

 6, 23.843, 339.728

 0, 23.843, 339.728

66, 23.843,
339.728

66, 23.843,
339.728

61, 33.675,
340.639

71, 13.932,
338.892

57, 43.172,
341.647

76, 4.124, 338.069

81, 5.479, 157.514

53, 51.968,
342.787

87, 14.818,
156.815

49, 59.607,
344.108

92, 23.867,
156.192

46, 65.595,
345.683

95, 27.989,
158.103

44, 69.520,
347.609


95, 25.506,
164.382

43, 71.228,
350.002

96, 23.349,
171.869

42, 71.576,

351.549

 96, 21.625,
180.670

Harmonies

Complementary

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



66, 23.843, 339.728



74, 23.463, 155.863

Rectangle

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



66, 23.843, 339.728



66, 23.843, 29.728



66, 23.843, 159.728



66, 23.843, 209.728

Sweetspot

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



66, 23.841, 339.729



95, 8.431, 338.315



64, 27.053, 305.680



50, 5.526, 338.366



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, 23.841, 339.729



81, 35.378, 340.192



65, 18.971, 10.875



38, 5.520, 338.498



35, 62.473, 351.107



3, 17.079, 345.225

Inverse Universe

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



66, 23.841, 339.729



81, 35.378, 340.192



75, 16.837, 186.475



38, 5.520, 338.498



35, 62.473, 351.107



3, 17.079, 345.225

Previews

White Background



This preview shows how the CIELCh color 66, 23.843, 339.728 looks on a white background.

Color Contrast Check

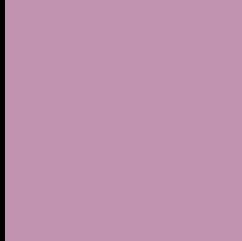
Large Text (above 18pt) WCAG AA × Fail

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, 23.843, 339.728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

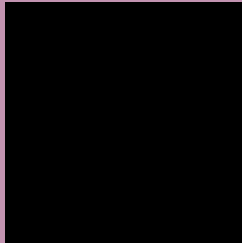
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 23.843, 339.728

Background



This preview shows how black text looks on a background with the CIELCh color 66, 23.843, 339.728.



This preview shows how white text looks on a background with the CIELCh color 66, 23.843, 339.728.

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

66, 23.843, 339.728

Protanopia

66, 13.868, 288.678

Deuteranopia

66, 11.318, 318.569



Tritanopia
66, 18.003, 359.736

Trichromacy



Original Color
66, 23.843, 339.728

Protanomaly
66, 15.510, 312.312

Deuteranomaly
66, 15.649, 329.815

Tritanomaly
66, 19.956, 351.687

Monochromacy



Original Color
66, 23.843, 339.728

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 8.533, 339.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 23.843, 339.728 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, 147, 176)` looks like.

```
.text, #text, p{  
    color:rgb(194, 147, 176)  
}
```

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, 147, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 147, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 23.843, 339.728 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, 147, 176) }
```

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

```
.border{ border-color:rgb(194, 147, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 147, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 147, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 147, 176);  
box-shadow:4px 4px 4px 4px rgb(194, 147,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 23.843, 339.728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 147, 176) }
```

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

```
.background{ background-color: rgb(194,  
147, 176) }
```

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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