

Converting Colors

CIELCh(67, 19.726, 345.557)

Have a look what the booklet for
CIELCh(67, 19.726, 345.557)
contains.

CIELCh(67, 19.726, 345.557)	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(67, 19.726, 345.557)

Conversions

Conversions Part 1

Format	Color
Hex	C197AC
RGB	193, 151, 172
RGB Percent	76%, 59%, 67%
CMY	0.2416, 0.4064, 0.3240
CMYK	0.00, 0.22, 0.11, 0.24
HSL	330°, 25%, 68%
HSV	330°, 22%, 76%
XYZ	40.6980, 36.6320, 44.1430
YIQ	165.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

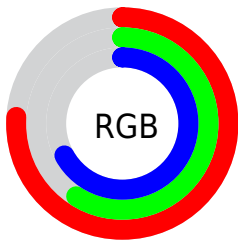
Format	Color
R _Y B	193, 151, 172
Decimal	12687276
CIE Lab	67.00, 19.10, -4.92
CIE LCh	67, 19.726, 345.557
Yxy	36.6320, 0.3350, 0.3016
Android (android.graphics.Color)	4290877356 (0xFFC197AC)
YUV	165.9520, 2.9817, 23.7211
Hunter-Lab	60.5244, 14.1099, -0.8757

Details

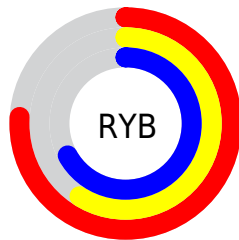
The CIELCh color $67, 19.726, 345.557$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $75, 19.199, 161.755$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 19.930, 345.835$, and $47, 19.683, 345.413$ is the 20% darker color. If you saturate the color by 10%, you get $62, 28.952, 346.621$, and if you desaturate by 10%, it is $72, 10.541, 344.604$.

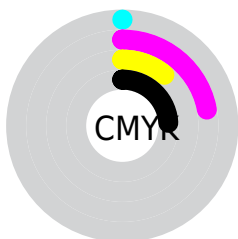
Distribution



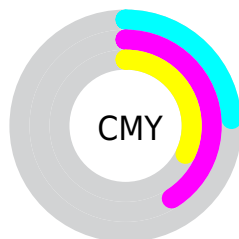
- Red (76%)
- Green (59%)
- Blue (67%)



- Red (76%)
- Yellow (59%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (11%)
- Black (24%)





- Cyan (24%)
- Magenta (41%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 19.726, 345.557 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 67, 19.726, 345.557 by changing the saturation by 10% instead.


 67, 19.726,
345.557


 67, 19.726,
345.557


 100, 19.726,
345.557


 57, 19.726,
345.557


 87, 19.726,
345.557

 47, 19.726,
345.557

 97, 19.726,
345.557

 37, 19.726,
345.557

 27, 19.726,
345.557

 17, 19.726,
345.557

 7, 19.726, 345.557

 0, 19.726, 345.557

67, 19.726,
345.557

67, 19.726,
345.557

62, 28.952,
346.621

72, 10.541,
344.604

57, 38.011,
347.831

77, 1.536, 343.538

83, 7.215, 163.082

53, 46.591,
349.245

88, 15.676,
162.348

49, 54.280,
350.939

93, 23.837,
161.690

46, 60.612,
353.021

95, 24.734,
167.151

44, 65.168,
355.633

96, 22.211,
177.784

42, 67.753,
358.935

96, 20.552,
190.557

42, 68.809, 2.159

■ 96, 20.097,
198.181

Harmonies

Complementary

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



67, 19.726, 345.557



75, 19.199, 161.755

Rectangle

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



67, 19.726, 345.557



67, 19.726, 35.557



67, 19.726, 165.557



67, 19.726, 215.557

Sweetspot

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



67, 19.724, 345.559



95, 7.770, 344.179



66, 24.613, 310.084



50, 5.094, 344.236



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 19.724, 345.559



83, 29.400, 346.041



66, 16.812, 20.986



38, 5.091, 344.387



34, 60.042, 1.512



3, 15.830, 352.341

Inverse Universe

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



67, 19.724, 345.559



83, 29.400, 346.041



75, 14.575, 198.317



38, 5.091, 344.387



34, 60.042, 1.512



3, 15.830, 352.341

Previews

White Background



This preview shows how the CIELCh color 67, 19.726, 345.557 looks on a white background.

Color Contrast Check

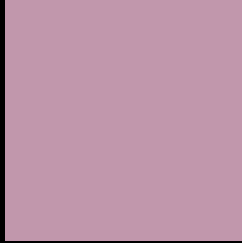
Large Text (above 18pt) WCAG AA × Fail

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 67, 19.726, 345.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

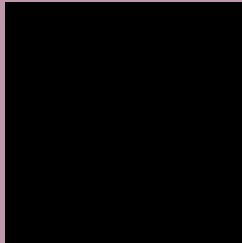
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 19.726, 345.557

Background



This preview shows how black text looks on a background with the CIELCh color 67, 19.726, 345.557.



This preview shows how white text looks on a background with the CIELCh color 67, 19.726, 345.557.

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
67, 19.726, 345.557

Protanopia
67, 9.399, 291.150

Deuteranopia
67, 9.929, 334.048



Tritanopia
67, 16.466, 357.468

Trichromacy



Original Color
67, 19.726, 345.557

Protanomaly
67, 11.952, 318.944

Deuteranomaly
67, 12.908, 340.816

Tritanomaly
67, 18.042, 352.072

Monochromacy



Original Color
67, 19.726, 345.557

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.915, 346.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 19.726, 345.557 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, 151, 172)` looks like.

```
.text, #text, p{  
    color:rgb(193, 151, 172)  
}
```

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, 151, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 151, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 19.726, 345.557 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, 151, 172) }
```

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

```
.border{ border-color:rgb(193, 151, 172) }
```

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

Here you see how a box with a 4 pixel rgb(193, 151, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 151, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 151, 172);  
box-shadow:4px 4px 4px 4px rgb(193, 151,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 19.726, 345.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 151, 172) }
```

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

```
.background{ background-color: rgb(193,  
151, 172) }
```

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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