

Converting Colors

CIELCh(67, 19.224, 350.393)

Have a look what the booklet for
CIELCh(67, 19.224, 350.393)
contains.

| | |
|--|----|
| CIELCh(67, 19.224, 350.393) | 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, 19.224, 350.393)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C297A9 |
| RGB | 194, 151, 169 |
| RGB Percent | 76%, 59%, 66% |
| CMY | 0.2379, 0.4065, 0.3359 |
| CMYK | 0.00, 0.22, 0.13, 0.24 |
| HSL | 335°, 26%, 68% |
| HSV | 335°, 22%, 76% |
| XYZ | 40.6500, 36.6320, 42.6292 |
| YIQ | 165.9090, 19.8500, 14.7140 |

Conversions

Conversions Part 2

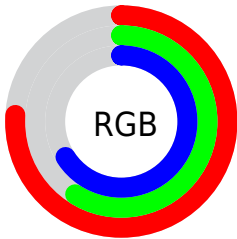
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 194, 151, 169 |
| Decimal | 12752809 |
| CIELab | 67.00, 18.95, -3.21 |
| CIElCh | 67, 19.224, 350.393 |
| Yxy | 36.6320, 0.3390, 0.3055 |
| Android (android.graphics.Color) | 4290942889 (0xFFC297A9) |
| YUV | 165.9090, 1.5239, 24.6358 |
| Hunter-Lab | 60.5244, 13.9683, 0.6072 |

Details

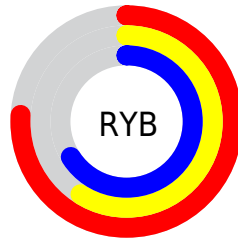
The CIELCh color $67, 19.224, 350.393$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $75, 18.469, 166.252$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 19.449, 350.350$, and $47, 19.160, 350.648$ is the 20% darker color. If you saturate the color by 10%, you get $62, 28.140, 351.584$, and if you desaturate by 10%, it is $72, 10.403, 349.346$.

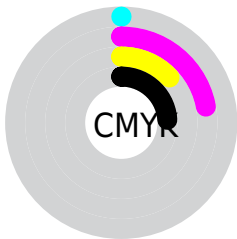
Distribution



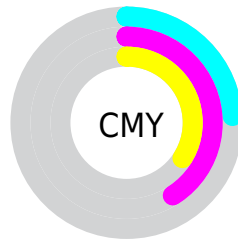
- Red (76%)
- Green (59%)
- Blue (66%)



- Red (76%)
- Yellow (59%)
- Blue (66%)



- Cyan (0%)
- Magenta (22%)
- Yellow (13%)
- Black (24%)





- Cyan (24%)
- Magenta (41%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 19.224, 350.393 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, 19.224, 350.393 by changing the saturation by 10% instead.


 67, 19.224,
350.393


 67, 19.224,
350.393


 100, 19.224,
350.393


 57, 19.224,
350.393


 87, 19.224,
350.393

 47, 19.224,
350.393

 97, 19.224,
350.393

 37, 19.224,
350.393

 27, 19.224,
350.393

 17, 19.224,
350.393

 7, 19.224, 350.393

 0, 19.224, 350.393

67, 19.224,
350.393

67, 19.224,
350.393

62, 28.140,
351.584

72, 10.403,
349.346

57, 36.960,
352.967

77, 1.804, 348.238

83, 6.511, 167.720

53, 45.386,
354.618

88, 14.515,
166.941

49, 53.029,
356.637

94, 22.206,
166.254

46, 59.447,
359.160

96, 22.619,
174.045

44, 64.261, 2.356

96, 20.426,
188.621

42, 67.340, 6.393

41, 68.964, 10.069

96, 19.809,
198.199

Harmonies

Complementary

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



67, 19.224, 350.393



75, 18.469, 166.252

Rectangle

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



67, 19.224, 350.393



67, 19.224, 40.393



67, 19.224, 170.393



67, 19.224, 220.393

Sweetspot

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



67, 19.222, 350.396



95, 7.368, 348.845



66, 25.504, 312.335



50, 4.831, 348.907



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, 19.222, 350.396



82, 29.146, 351.004



67, 16.186, 26.402



38, 4.830, 349.071



34, 59.835, 9.279



3, 15.214, 357.113

Inverse Universe

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



67, 19.222, 350.396



82, 29.146, 351.004



75, 13.931, 204.805



38, 4.830, 349.071



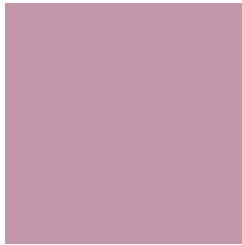
34, 59.835, 9.279



3, 15.214, 357.113

Previews

White Background



This preview shows how the CIELCh color 67, 19.224, 350.393 looks on a white background.

Color Contrast Check

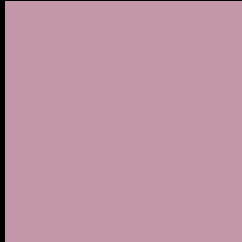
Large Text (above 18pt) WCAG AA × Fail

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 67, 19.224, 350.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

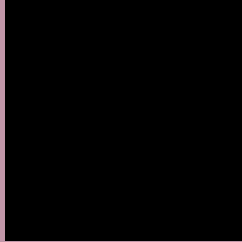
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 19.224, 350.393

Background



This preview shows how black text looks on a background with the CIELCh color 67, 19.224, 350.393.



This preview shows how white text looks on a background with the CIELCh color 67, 19.224, 350.393.

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, 19.224, 350.393

Protanopia
67, 7.756, 293.694

Deuteranopia
67, 9.128, 343.089



Tritanopia
67, 17.574, 359.174

Trichromacy



Original Color
67, 19.224, 350.393

Protanomaly
67, 10.734, 324.917

Deuteranomaly
67, 12.282, 348.045

Tritanomaly
67, 17.948, 355.869

Monochromacy



Original Color
67, 19.224, 350.393

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.629, 350.114

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 19.224, 350.393 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, 151, 169)` looks like.

```
.text, #text, p{  
    color:rgb(194, 151, 169)  
}
```

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, 151, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 151, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 19.224, 350.393 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, 151, 169) }
```

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

```
.border{ border-color:rgb(194, 151, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 151, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 151, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 151, 169);  
box-shadow:4px 4px 4px 4px rgb(194, 151,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 19.224, 350.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 151, 169) }
```

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

```
.background{ background-color: rgb(194,  
151, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor