

Converting Colors

CIELCh(67, 12.973, 344.897)

Have a look what the booklet for
CIELCh(67, 12.973, 344.897)
contains.

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Color

CIELCh(67, 12.572, 345.905)

Conversions

Conversions Part 1

Format	Color
Hex	B79CA9
RGB	183, 156, 169
RGB Percent	72%, 61%, 66%
CMY	0.2830, 0.3888, 0.3379
CMYK	0.00, 0.15, 0.08, 0.28
HSL	331°, 16%, 66%
HSV	331°, 15%, 72%
XYZ	38.5004, 36.6320, 42.5012
YIQ	165.5550, 11.9190, 9.7670

Conversions

Conversions Part 2

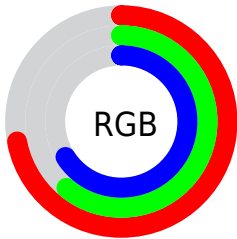
Format	Color
R _Y B	183, 156, 169
Decimal	12033193
CIE Lab	67.00, 12.19, -3.06
CIE LCh	67, 12.572, 345.905
Yxy	36.6320, 0.3273, 0.3114
Android (android.graphics.Color)	4290223273 (0xFFB79CA9)
YUV	165.5550, 1.6984, 15.2993
Hunter-Lab	60.5244, 7.6287, 0.7326

Details

The CIELCh color $67, 12.572, 345.905$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $72, 12.318, 163.423$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 12.224, 346.613$, and $47, 12.433, 346.371$ is the 20% darker color. If you saturate the color by 10%, you get $62, 21.282, 346.909$, and if you desaturate by 10%, it is $72, 4.006, 344.959$.

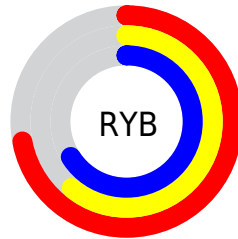
Distribution



Red (72%)

Green (61%)

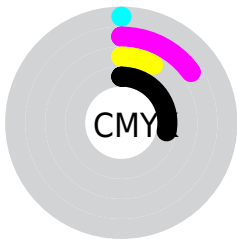
Blue (66%)



Red (72%)

Yellow (61%)

Blue (66%)

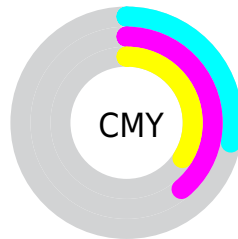


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (28%)



Cyan (28%)


Magenta (39%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 12.572, 345.905 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, 12.572, 345.905 by changing the saturation by 10% instead.


 67, 12.572,
345.905


 67, 12.572,
345.905


 100, 12.572,
345.905


 57, 12.572,
345.905


 87, 12.572,
345.905

 47, 12.572,
345.905

 97, 12.572,
345.905

 37, 12.572,
345.905

 27, 12.572,
345.905

 17, 12.572,
345.905

 7, 12.572, 345.905

 0, 12.572, 345.905

67, 12.572,
345.905

67, 12.572,
345.905

62, 21.282,
346.909

72, 4.006, 344.959

58, 29.998,
348.035

77, 4.326, 164.344

53, 38.496,
349.334

82, 12.385,
163.556

49, 46.457,
350.868

87, 20.157,
162.874

46, 53.474,
352.728

92, 27.645,
162.250

43, 59.110,
355.035

95, 28.977,
166.311

41, 63.015,
357.945

95, 26.347,
174.992

40, 65.105, 1.617

95, 24.373,
185.280

■ 39, 65.859, 3.735

■ 95, 23.233,
196.935

Harmonies

Complementary

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



67, 12.572, 345.905



72, 12.318, 163.423

Rectangle

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



67, 12.572, 345.905



67, 12.572, 35.905



67, 12.572, 165.905



67, 12.572, 215.905

Sweetspot

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



67, 12.570, 345.908



91, 4.154, 344.884



66, 15.880, 310.300



49, 2.978, 344.964



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 12.570, 345.908



83, 19.005, 346.251



67, 10.448, 21.679



36, 4.809, 345.399



33, 58.488, 3.122



3, 12.084, 351.852

Inverse Universe

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



67, 12.570, 345.908



83, 19.005, 346.251



72, 9.504, 200.173



36, 4.809, 345.399



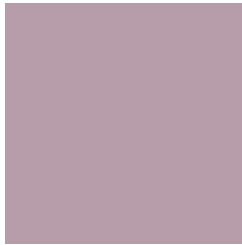
33, 58.488, 3.122



3, 12.084, 351.852

Previews

White Background



This preview shows how the CIELCh color 67, 12.572, 345.905 looks on a white background.

Color Contrast Check

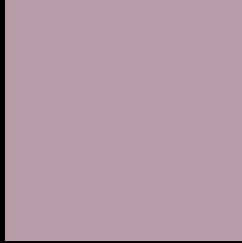
Large Text (above 18pt) WCAG AA × Fail

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, 12.572, 345.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

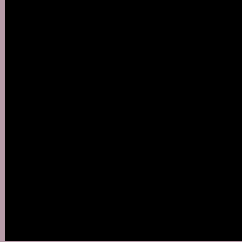
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 12.572, 345.905

Background



This preview shows how black text looks on a background with the CIELCh color 67, 12.572, 345.905.



This preview shows how white text looks on a background with the CIELCh color 67, 12.572, 345.905.

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, 12.572, 345.905

Protanopia

67, 6.101, 294.290

Deuteranopia

67, 9.128, 343.089



Tritanopia
67, 12.282, 348.045

Trichromacy



Original Color
67, 12.572, 345.905

Protanomaly
67, 7.186, 322.250

Deuteranomaly
67, 10.381, 344.644

Tritanomaly
67, 12.282, 348.045

Monochromacy



Original Color
67, 12.572, 345.905

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 4.093, 347.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 12.572, 345.905 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(183, 156, 169)` looks like.

```
.text, #text, p{  
    color:rgb(183, 156, 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(183, 156, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 156, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 12.572, 345.905 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(183, 156, 169) }
```

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

```
.border{ border-color:rgb(183, 156, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 156, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 156, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 156, 169); box-shadow:4px 4px 4px 4px rgb(183, 156, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 12.572, 345.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 156, 169) }
```

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

```
.background{ background-color: rgb(183,  
156, 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](#).

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