

Converting Colors

CIELCh(67, 40.540, 334.473)

Have a look what the booklet for
CIELCh(67, 40.540, 334.473)
contains.

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Color

CIELCh(67, 40.508, 334.462)

Conversions

Conversions Part 1

Format	Color
Hex	D58BC3
RGB	213, 139, 195
RGB Percent	84%, 55%, 76%
CMY	0.1640, 0.4542, 0.2346
CMYK	0.00, 0.35, 0.08, 0.16
HSL	315°, 47%, 69%
HSV	315°, 35%, 84%
XYZ	46.6164, 36.6320, 56.3427
YIQ	167.5100, 26.1280, 33.1040

Conversions

Conversions Part 2

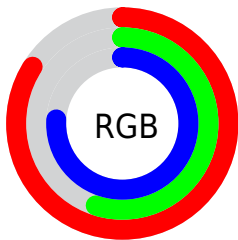
Format	Color
RYB	213, 139, 195
Decimal	13994947
CIELab	67.00, 36.55, -17.46
CIElCh	67, 40.508, 334.462
Yxy	36.6320, 0.3339, 0.2624
Android (android.graphics.Color)	4292185027 (0xFFD58BC3)
YUV	167.5100, 13.5526, 39.8947
Hunter-Lab	60.5244, 31.5646, -12.8266

Details

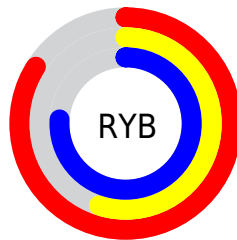
The CIELCh color $67, 40.508, 334.462$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 40.240, 149.275$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 37.009, 327.134$, and $47, 40.578, 334.539$ is the 20% darker color. If you saturate the color by 10%, you get $62, 51.606, 335.230$, and if you desaturate by 10%, it is $72, 28.918, 333.732$.

Distribution



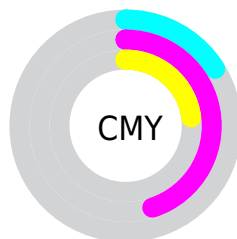
- Red (84%)
- Green (55%)
- Blue (76%)



- Red (84%)
- Yellow (55%)
- Blue (76%)



- Cyan (0%)
- Magenta (35%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (45%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 40.508, 334.462 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, 40.508, 334.462 by changing the saturation by 10% instead.

 67, 40.508,
334.462

 67, 40.508,
334.462


 100, 40.508,
334.462

 57, 40.508,
334.462


 87, 40.508,
334.462

 47, 40.508,
334.462

 97, 40.508,
334.462

 37, 40.508,
334.462

 27, 40.508,
334.462

 17, 40.508,
334.462

 7, 40.508, 334.462

 0, 40.508, 334.462

67, 40.508,
334.462

67, 40.508,
334.462

62, 51.606,
335.230

72, 28.918,
333.732

58, 61.787,
336.046

77, 17.164,
333.032

55, 70.527,
336.926

83, 5.465, 332.330

52, 77.281,
337.900

88, 6.038, 151.820

94, 17.263,
151.187

50, 81.617,
339.011

96, 20.910,
153.621

48, 83.395,
340.311

97, 19.044,
159.089

48, 83.640,
341.066

97, 17.369,
165.641

■ 97, 15.948,
173.439

Harmonies

Complementary

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



67, 40.508, 334.462



79, 40.240, 149.275

Rectangle

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



67, 40.508, 334.462



67, 40.508, 24.462



67, 40.508, 154.462



67, 40.508, 204.462

Sweetspot

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



67, 40.505, 334.462



94, 13.449, 332.714



62, 42.072, 302.059



49, 9.184, 332.812



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, 40.505, 334.462



75, 56.241, 335.051



66, 30.869, 2.369



42, 6.623, 332.667



38, 71.109, 340.820



6, 27.557, 338.014

Inverse Universe

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



67, 40.505, 334.462



75, 56.241, 335.051



80, 27.458, 174.855



42, 6.623, 332.667



38, 71.109, 340.820



6, 27.557, 338.014

Previews

White Background



This preview shows how the CIELCh color 67, 40.508, 334.462 looks on a white background.

Color Contrast Check

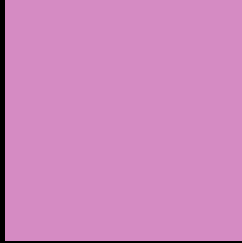
Large Text (above 18pt) WCAG AA × Fail

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, 40.508, 334.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

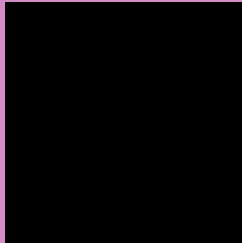
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 40.508, 334.462

Background



This preview shows how black text looks on a background with the CIELCh color 67, 40.508, 334.462.

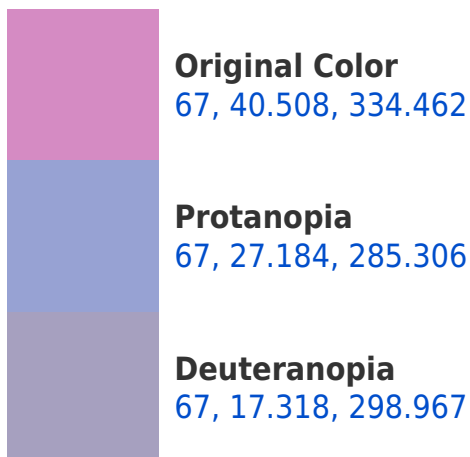


This preview shows how white text looks on a background with the CIELCh color 67, 40.508, 334.462.

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
67, 25.691, 7.328

Trichromacy



Original Color
67, 40.508, 334.462



Protanomaly
67, 29.190, 306.600



Deuteranomaly
67, 25.369, 318.390

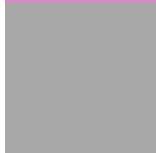


Tritanomaly
67, 29.718, 351.595

Monochromacy



Original Color
67, 40.508, 334.462



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 14.745, 332.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 40.508, 334.462 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(213, 139, 195)` looks like.

```
.text, #text, p{  
    color:rgb(213, 139, 195)  
}
```

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(213, 139, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 139, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 40.508, 334.462 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(213, 139, 195) }
```

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

```
.border{ border-color:rgb(213, 139, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 139, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 139, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 139, 195);  
box-shadow:4px 4px 4px 4px rgb(213, 139,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 40.508, 334.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 139, 195) }
```

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

```
.background{ background-color: rgb(213,  
139, 195) }
```

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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