

Converting Colors

CIELCh(68, 34.294, 320.557)

Have a look what the booklet for
CIELCh(68, 34.294, 320.557)
contains.

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Color

CIELCh(68, 34.261, 320.552)

Conversions

Conversions Part 1

Format	Color
Hex	C396CD
RGB	195, 150, 205
RGB Percent	76%, 59%, 80%
CMY	0.2341, 0.4106, 0.1949
CMYK	0.05, 0.27, 0.00, 0.19
HSL	289°, 36%, 70%
HSV	289°, 27%, 81%
XYZ	44.5950, 37.9720, 62.9312
YIQ	169.7250, 9.1650, 26.6450

Conversions

Conversions Part 2

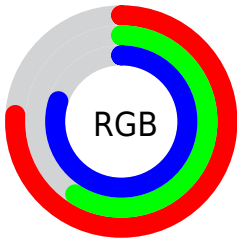
Format	Color
R_{YB}	195, 150, 205
Decimal	12818125
CIE _{Lab}	68.00, 26.46, -21.77
CIE _{LCh}	68, 34.261, 320.552
Yxy	37.9720, 0.3065, 0.2610
Android (android.graphics.Color)	4291008205 (0xFFC396CD)
YUV	169.7250, 17.3906, 22.1662
Hunter-Lab	61.6215, 21.3417, -17.4151

Details

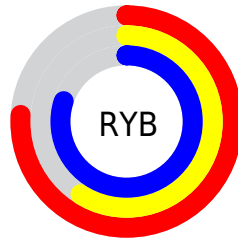
The CIELCh color $68, 34.261, 320.552$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 33.885, 137.942$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 30.814, 323.824$, and $48, 34.225, 320.529$ is the 20% darker color. If you saturate the color by 10%, you get $63, 47.052, 320.985$, and if you desaturate by 10%, it is $73, 21.368, 320.098$.

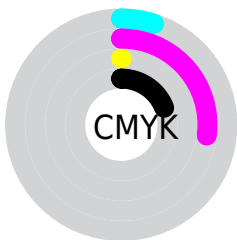
Distribution



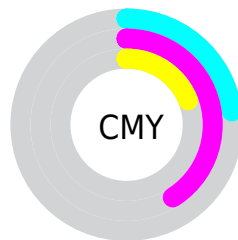
- Red (76%)
- Green (59%)
- Blue (80%)



- Red (76%)
- Yellow (59%)
- Blue (80%)



- Cyan (5%)
- Magenta (27%)
- Yellow (0%)
- Black (19%)





- Cyan (23%)
- Magenta (41%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 34.261, 320.552 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 68, 34.261, 320.552 by changing the saturation by 10% instead.


 68, 34.261,
320.552

 68, 34.261,
320.552


 100, 34.261,
320.552


 58, 34.261,
320.552


 88, 34.261,
320.552

 48, 34.261,
320.552

 98, 34.261,
320.552

 38, 34.261,
320.552

 28, 34.261,
320.552

 18, 34.261,
320.552

 8, 34.261, 320.552

 0, 34.261, 320.552

68, 34.261,
320.552

68, 34.261,
320.552

63, 47.052,
320.985

73, 21.368,
320.098

58, 59.453,
321.375

79, 8.577, 319.631

84, 3.990, 139.271

54, 71.050,
321.691

90, 16.260,
138.808

50, 81.321,
321.896

96, 28.195,
138.405

47, 89.683,
321.946

96, 28.761,
136.391

44, 95.631,
321.802


97, 28.127,
134.077

43, 98.976,
321.440

97, 27.540,
131.636

42, 99.778,

321.304

 97, 27.003,
129.070

Harmonies

Complementary

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



68, 34.261, 320.552



78, 33.885, 137.942

Rectangle

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



68, 34.261, 320.552



68, 34.261, 10.552



68, 34.261, 140.552



68, 34.261, 190.552

Sweetspot

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



68, 34.259, 320.552



95, 12.055, 319.694



67, 24.984, 285.022



50, 8.578, 319.766



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 34.259, 320.552



80, 48.822, 320.799



68, 28.903, 336.917



40, 7.139, 319.755



34, 85.069, 321.402



4, 27.161, 320.193

Inverse Universe

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



68, 22.300, 7.511



79, 32.156, 8.320



78, 28.579, 152.832



40, 4.489, 5.449



34, 67.834, 30.316



4, 18.166, 10.527

Previews

White Background



This preview shows how the CIELCh color 68, 34.261, 320.552 looks on a white background.

Color Contrast Check

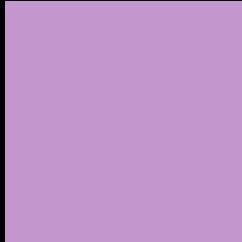
Large Text (above 18pt) WCAG AA × Fail

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 68, 34.261, 320.552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

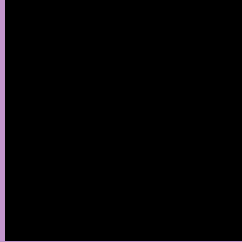
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 34.261, 320.552

Background



This preview shows how black text looks on a background with the CIELCh color 68, 34.261, 320.552.



This preview shows how white text looks on a background with the CIELCh color 68, 34.261, 320.552.

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
68, 34.261, 320.552

Protanopia
68, 28.242, 285.065

Deuteranopia
68, 22.635, 293.315



Tritanopia
68, 14.280, 353.357

Trichromacy



Original Color
68, 34.261, 320.552

Protanomaly
68, 28.943, 299.028

Deuteranomaly
68, 26.176, 305.674

Tritanomaly
68, 20.296, 334.397

Monochromacy



Original Color
68, 34.261, 320.552

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 12.542, 319.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 34.261, 320.552 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(195, 150, 205)` looks like.

```
.text, #text, p{  
    color:rgb(195, 150, 205)  
}
```

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(195, 150, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 150, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 34.261, 320.552 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(195, 150, 205) }
```

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

```
.border{ border-color:rgb(195, 150, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 150, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 150, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 150, 205);  
box-shadow:4px 4px 4px 4px rgb(195, 150,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 34.261, 320.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 150, 205) }
```

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

```
.background{ background-color: rgb(195,  
150, 205) }
```

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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