

Converting Colors

CIELCh(70, 14.924, 347.515)

Have a look what the booklet for
CIELCh(70, 14.924, 347.515)
contains.

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Color

CIELCh(70, 14.968, 347.674)

Conversions

Conversions Part 1

Format	Color
Hex	C3A2B1
RGB	195, 162, 177
RGB Percent	76%, 64%, 69%
CMY	0.2343, 0.3637, 0.3049
CMYK	0.00, 0.17, 0.09, 0.23
HSL	333°, 22%, 70%
HSV	333°, 17%, 77%
XYZ	43.4979, 40.7494, 47.2998
YIQ	173.5770, 14.8530, 11.6610

Conversions

Conversions Part 2

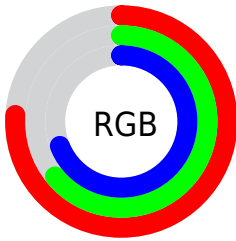
Format	Color
R_{YB}	195, 162, 177
Decimal	12821169
CIE _{Lab}	70.00, 14.62, -3.20
CIE _{LCh}	70, 14.968, 347.674
Yxy	40.7494, 0.3307, 0.3098
Android (android.graphics.Color)	4291011249 (0xFFC3A2B1)
YUV	173.5770, 1.6875, 18.7880
Hunter-Lab	63.8353, 9.9197, 0.7527

Details

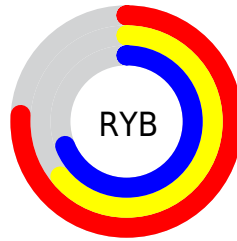
The CIELCh color $70, 14.968, 347.674$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 14.581, 164.704$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 15.101, 347.242$, and $50, 14.972, 348.312$ is the 20% darker color. If you saturate the color by 10%, you get $65, 24.044, 348.742$, and if you desaturate by 10%, it is $75, 6.034, 346.702$.

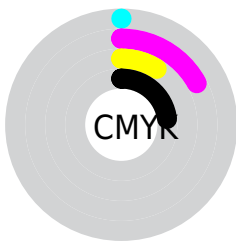
Distribution



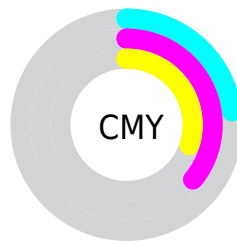
- Red (76%)
- Green (64%)
- Blue (69%)



- Red (76%)
- Yellow (64%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (23%)





- Cyan (23%)
- Magenta (36%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 14.968, 347.674 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 70, 14.968, 347.674 by changing the saturation by 10% instead.


 70, 14.968,
347.674


 70, 14.968,
347.674


 100, 14.968,
347.674


 60, 14.968,
347.674


 90, 14.968,
347.674

 50, 14.968,
347.674

 40, 14.968,
347.674

 30, 14.968,
347.674

 20, 14.968,
347.674

 10, 14.968,
347.674

 0, 14.968, 347.674

70, 14.968,
347.674

70, 14.968,
347.674

65, 24.044,
348.742

75, 6.034, 346.702

60, 33.105,
349.955

81, 2.654, 166.088

56, 41.895,
351.372

86, 11.052,
165.208

52, 50.059,
353.070

91, 19.143,
164.497

48, 57.158,
355.154

96, 24.186,
166.590

45, 62.744,
357.768

96, 21.425,
178.668

43, 66.511, 1.080

96, 19.768,
193.432

42, 68.529, 5.221

96, 19.536,
198.217

Harmonies

Complementary

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



70, 14.968, 347.674



76, 14.581, 164.704

Rectangle

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



70, 14.968, 347.674



70, 14.968, 37.674



70, 14.968, 167.674



70, 14.968, 217.674

Sweetspot

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



70, 14.966, 347.677



97, 5.415, 346.517



69, 19.302, 310.971



51, 3.698, 346.591



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 14.966, 347.677



87, 22.073, 348.027



70, 12.529, 23.213



38, 4.941, 346.940



34, 59.767, 5.823



3, 15.463, 355.035

Inverse Universe

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



70, 14.966, 347.677



87, 22.073, 348.027



76, 11.216, 201.633



38, 4.941, 346.940



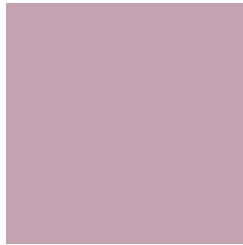
34, 59.767, 5.823



3, 15.463, 355.035

Previews

White Background



This preview shows how the CIELCh color 70, 14.968, 347.674 looks on a white background.

Color Contrast Check

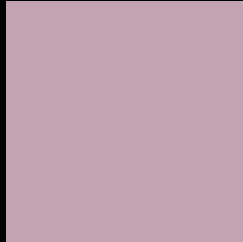
Large Text (above 18pt) WCAG AA × Fail

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 70, 14.968, 347.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

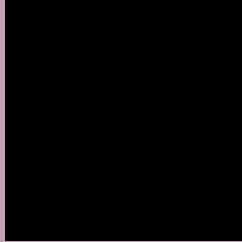
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 14.968, 347.674

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.968, 347.674.



This preview shows how white text looks on a background with the CIELCh color 70, 14.968, 347.674.

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


70, 14.968, 347.674

Protanopia

70, 6.594, 294.024

Deuteranopia

70, 9.383, 340.380



Tritanopia
70, 13.846, 352.518

Trichromacy



Original Color
70, 14.968, 347.674

Protanomaly
70, 8.657, 324.805

Deuteranomaly
70, 11.217, 344.686

Tritanomaly
70, 14.092, 350.539

Monochromacy



Original Color
70, 14.968, 347.674

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 5.310, 348.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.968, 347.674 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, 162, 177)` looks like.

```
.text, #text, p{  
    color:rgb(195, 162, 177)  
}
```

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, 162, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 162, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.968, 347.674 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, 162, 177) }
```

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

```
.border{ border-color:rgb(195, 162, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 162, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 162, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 162, 177); box-shadow:4px 4px 4px 4px rgb(195, 162, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.968, 347.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 162, 177) }
```

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

```
.background{ background-color: rgb(195,  
162, 177) }
```

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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