

Converting Colors

CIELCh(70, 21.751, 324.431)

Have a look what the booklet for
CIELCh(70, 21.751, 324.431)
contains.

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Color

CIELCh(70, 21.576, 324.513)

Conversions

Conversions Part 1

Format	Color
Hex	C1A1C2
RGB	193, 161, 194
RGB Percent	76%, 63%, 76%
CMY	0.2429, 0.3684, 0.2390
CMYK	0.01, 0.17, 0.00, 0.24
HSL	298°, 21%, 70%
HSV	298°, 17%, 76%
XYZ	44.5030, 40.7494, 56.5897
YIQ	174.3300, 8.4790, 17.0470

Conversions

Conversions Part 2

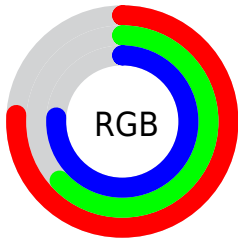
Format	Color
R _Y B	193, 161, 194
Decimal	12689858
CIE Lab	70.00, 17.57, -12.53
CIE LCh	70, 21.576, 324.513
Yxy	40.7494, 0.3138, 0.2873
Android (android.graphics.Color)	4290879938 (0xFFC1A1C2)
YUV	174.3300, 9.6973, 16.3736
Hunter-Lab	63.8353, 12.7302, -7.8756

Details

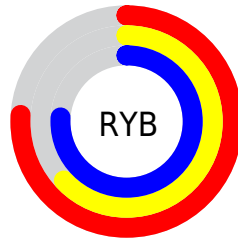
The CIELCh color $70, 21.576, 324.513$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 21.535, 142.628$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 21.788, 324.410$, and $50, 21.536, 324.699$ is the 20% darker color. If you saturate the color by 10%, you get $65, 34.296, 325.034$, and if you desaturate by 10%, it is $75, 8.841, 323.972$.

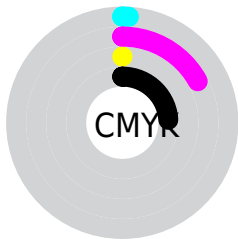
Distribution



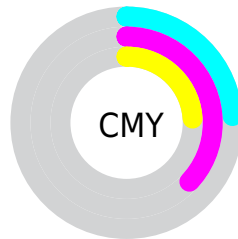
- Red (76%)
- Green (63%)
- Blue (76%)



- Red (76%)
- Yellow (63%)
- Blue (76%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (24%)





- Cyan (24%)
- Magenta (37%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 21.576, 324.513 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, 21.576, 324.513 by changing the saturation by 10% instead.


 70, 21.576,
324.513


 70, 21.576,
324.513


 100, 21.576,
324.513


 60, 21.576,
324.513


 90, 21.576,
324.513

 50, 21.576,
324.513

 40, 21.576,
324.513

 30, 21.576,
324.513

 20, 21.576,
324.513

 10, 21.576,
324.513

 0, 21.576, 324.513

70, 21.576,
324.513

70, 21.576,
324.513

65, 34.296,
325.034

75, 8.841, 323.972

61, 46.758,
325.532

80, 3.735, 143.545

57, 58.618,
325.988

85, 16.045,
142.988

53, 69.441,
326.386

90, 28.029,
142.494

50, 78.734,
326.704

95, 37.814,
142.061

48, 86.025,
326.924

95, 37.696,
141.822


46, 90.987,
327.037


95, 37.578,
141.580

45, 93.638,

95, 37.461,
141.336

327.042

 95, 37.344,
141.090

 45, 94.232,
327.035

Harmonies

Complementary

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



70, 21.576, 324.513



75, 21.535, 142.628

Rectangle

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



70, 21.576, 324.513



70, 21.576, 14.513



70, 21.576, 144.513



70, 21.576, 194.513

Sweetspot

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



70, 21.574, 324.513



96, 7.805, 323.861



68, 17.613, 290.720



51, 5.370, 323.903



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, 21.574, 324.513



87, 31.445, 324.688



70, 15.757, 343.291



38, 7.158, 324.103



37, 81.920, 327.052



4, 23.840, 325.061

Inverse Universe

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



69, 12.936, 18.148



86, 19.069, 18.473



76, 15.474, 160.492



38, 4.187, 17.466



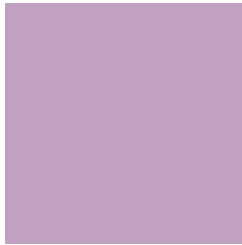
33, 72.534, 38.495



3, 14.011, 17.748

Previews

White Background



This preview shows how the CIELCh color 70, 21.576, 324.513 looks on a white background.

Color Contrast Check

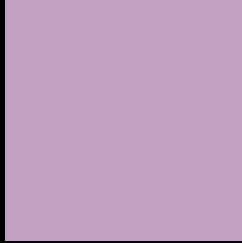
Large Text (above 18pt) WCAG AA × Fail

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, 21.576, 324.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

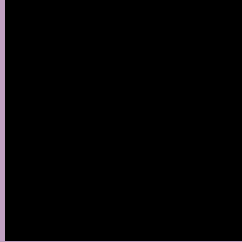
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 21.576, 324.513

Background



This preview shows how black text looks on a background with the CIELCh color 70, 21.576, 324.513.



This preview shows how white text looks on a background with the CIELCh color 70, 21.576, 324.513.

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
70, 12.464, 345.851

Trichromacy



Original Color
70, 21.576, 324.513

Protanomaly
70, 17.355, 302.417

Deuteranomaly
70, 16.756, 314.494

Tritanomaly
70, 15.432, 335.737

Monochromacy



Original Color
70, 21.576, 324.513

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.980, 324.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 21.576, 324.513 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(193, 161, 194)` looks like.

```
.text, #text, p{  
    color:rgb(193, 161, 194)  
}
```

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(193, 161, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 161, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 21.576, 324.513 is called "border". The border property can be set on classes, ids or directly on the HTML element.

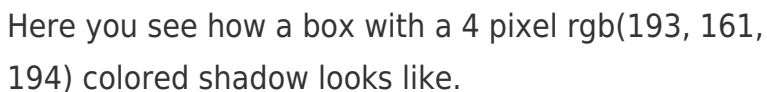
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 161, 194) }
```

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

```
.border{ border-color:rgb(193, 161, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 161, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 161, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 161, 194); box-shadow:4px 4px 4px 4px rgb(193, 161, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 21.576, 324.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 161, 194) }
```

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

```
.background{ background-color: rgb(193,  
161, 194) }
```

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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