

Converting Colors

CIELCh(70, 20.850, 325.778)

Have a look what the booklet for
CIELCh(70, 20.850, 325.778)
contains.

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Color

CIELCh(70, 21.130, 325.332)

Conversions

Conversions Part 1

Format	Color
Hex	C1A1C1
RGB	193, 161, 193
RGB Percent	76%, 63%, 76%
CMY	0.2426, 0.3681, 0.2426
CMYK	0.00, 0.17, 0.00, 0.24
HSL	300°, 21%, 69%
HSV	300°, 17%, 76%
XYZ	44.4378, 40.7494, 56.0571
YIQ	174.2160, 8.8000, 16.7360

Conversions

Conversions Part 2

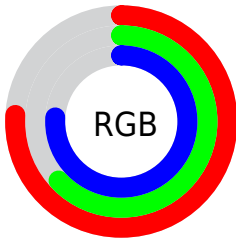
Format	Color
R_{YB}	193, 161, 193
Decimal	12689857
CIE Lab	70.00, 17.38, -12.02
CIE LCh	70, 21.130, 325.332
Yxy	40.7494, 0.3146, 0.2885
Android (android.graphics.Color)	4290879937 (0xFFC1A1C1)
YUV	174.2160, 9.2605, 16.4736
Hunter-Lab	63.8353, 12.5480, -7.3809

Details

The CIELCh color $70, 21.130, 325.332$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 21.109, 143.425$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 20.942, 325.981$, and $50, 21.062, 325.575$ is the 20% darker color. If you saturate the color by 10%, you get $65, 33.897, 325.874$, and if you desaturate by 10%, it is $75, 8.336, 324.769$.

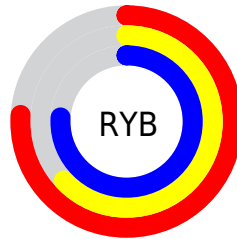
Distribution



Red (76%)

Green (63%)

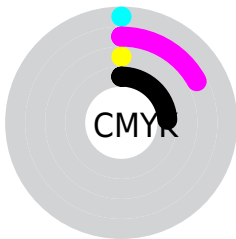
Blue (76%)



Red (76%)

Yellow (63%)

Blue (76%)

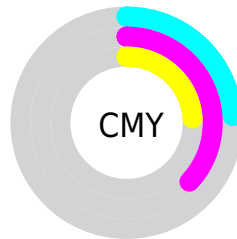


Cyan (0%)

Magenta (17%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (37%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 21.130, 325.332 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, 21.130, 325.332 by changing the saturation by 10% instead.


 70, 21.130,
325.332


 70, 21.130,
325.332


 100, 21.130,
325.332


 60, 21.130,
325.332


 90, 21.130,
325.332

 50, 21.130,
325.332

 40, 21.130,
325.332

 30, 21.130,
325.332

 20, 21.130,
325.332

 10, 21.130,
325.332

 0, 21.130, 325.332

70, 21.130,
325.332

70, 21.130,
325.332

65, 33.897,
325.874

75, 8.336, 324.769

61, 46.387,
326.392

80, 4.302, 144.318

57, 58.249,
326.873

85, 16.675,
143.746

54, 69.048,
327.300

90, 28.717,
143.231

51, 78.297,
327.657

95, 38.779,
142.810

48, 85.540,
327.930

95, 38.778,
142.810


47, 90.473,
328.113


95, 38.778,
142.810

46, 93.112,

95, 38.778,
142.810

328.210

 95, 38.778,
142.811

 46, 93.766,
328.234

Harmonies

Complementary

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



70, 21.130, 325.332



75, 21.109, 143.425

Rectangle

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



70, 21.130, 325.332



70, 21.130, 15.332



70, 21.130, 145.332



70, 21.130, 195.332

Sweetspot

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



70, 21.128, 325.332



95, 7.815, 324.680



67, 17.692, 291.981



50, 5.333, 324.723



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 21.128, 325.332



86, 31.463, 325.537



70, 14.959, 345.050



38, 7.225, 324.931



38, 81.804, 328.234



4, 24.213, 326.360

Inverse Universe

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



70, 21.128, 325.332



86, 31.463, 325.537



75, 14.651, 162.252



38, 7.225, 324.931



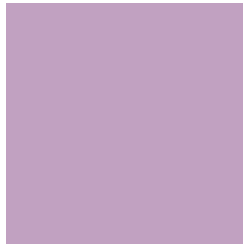
38, 81.804, 328.234



4, 24.213, 326.360

Previews

White Background



This preview shows how the CIELCh color 70, 21.130, 325.332 looks on a white background.

Color Contrast Check

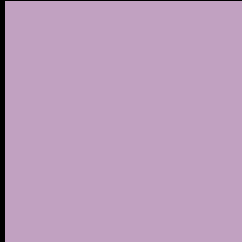
Large Text (above 18pt) WCAG AA × Fail

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, 21.130, 325.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

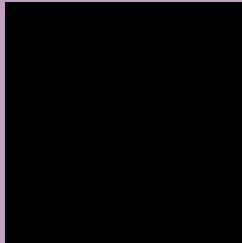
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 21.130, 325.332

Background



This preview shows how black text looks on a background with the CIELCh color 70, 21.130, 325.332.



This preview shows how white text looks on a background with the CIELCh color 70, 21.130, 325.332.

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, 21.130, 325.332

Protanopia

70, 15.916, 286.727

Deuteranopia

70, 14.331, 307.570



Tritanopia
70, 12.464, 345.851

Trichromacy



Original Color
70, 21.130, 325.332

Protanomaly
70, 16.818, 302.735

Deuteranomaly
70, 16.407, 316.429

Tritanomaly
70, 15.432, 335.737

Monochromacy



Original Color
70, 21.130, 325.332

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, 21.130, 325.332 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, 193)` looks like.

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

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, 193) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 70, 21.130, 325.332 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, 193) }
```

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

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

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, 193)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 70, 21.130, 325.332 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, 193) }
```

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

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

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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