

Converting Colors

CIELCh(70, 29.520, 355.161)

Have a look what the booklet for
CIELCh(70, 29.520, 355.161)
contains.

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Color

CIELCh(70, 29.180, 354.762)

Conversions

Conversions Part 1

Format	Color
Hex	DC98B1
RGB	220, 152, 177
RGB Percent	86%, 60%, 69%
CMY	0.1380, 0.4046, 0.3066
CMYK	0.00, 0.31, 0.20, 0.14
HSL	338°, 49%, 73%
HSV	338°, 31%, 86%
XYZ	48.5721, 40.7494, 46.8038
YIQ	175.1820, 32.5030, 22.1910

Conversions

Conversions Part 2

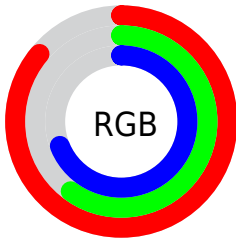
Format	Color
R _Y B	220, 152, 177
Decimal	14457009
CIE Lab	70.00, 29.06, -2.66
CIE LCh	70, 29.180, 354.762
Yxy	40.7494, 0.3568, 0.2994
Android (android.graphics.Color)	4292647089 (0xFFDC98B1)
YUV	175.1820, 0.8963, 39.3054
Hunter-Lab	63.8353, 24.1084, 1.2134

Details

The CIELCh color **70, 29.180, 354.762** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83, 27.196, 168.382**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 21.932, 343.048**, and **50, 29.234, 355.314** is the 20% darker color. If you saturate the color by 10%, you get **65, 38.817, 356.231**, and if you desaturate by 10%, it is **76, 19.517, 353.517**.

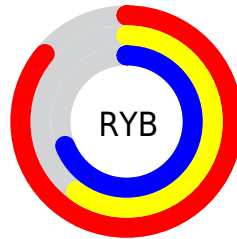
Distribution



Red (86%)

Green (60%)

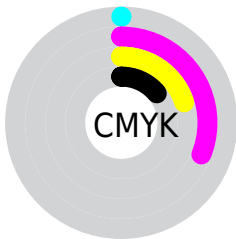
Blue (69%)



Red (86%)

Yellow (60%)

Blue (69%)

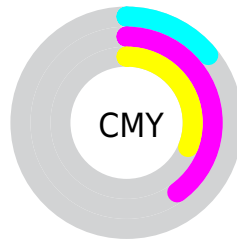


Cyan (0%)

Magenta (31%)

Yellow (20%)

Black (14%)



Cyan (14%)


Magenta (40%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 29.180, 354.762 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, 29.180, 354.762 by changing the saturation by 10% instead.


 70, 29.180,
354.762


 70, 29.180,
354.762


 100, 29.180,
354.762


 60, 29.180,
354.762


 90, 29.180,
354.762

 50, 29.180,
354.762

 40, 29.180,
354.762

 30, 29.180,
354.762

 20, 29.180,
354.762

 10, 29.180,
354.762

 0, 29.180, 354.762

70, 29.180,
354.762

70, 29.180,
354.762

65, 38.817,
356.231

76, 19.517,
353.517

60, 48.134,
357.999

81, 10.034,
352.423

56, 56.719, 0.181

87, 0.842, 350.953

52, 64.103, 2.927

93, 8.003, 170.755

49, 69.882, 6.416

97, 12.924,
178.507

48, 73.919, 10.808

98, 11.866,
198.713

47, 76.535, 15.480

Harmonies

Complementary

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



70, 29.180, 354.762



83, 27.196, 168.382

Rectangle

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



70, 29.180, 354.762



70, 29.180, 44.762



70, 29.180, 174.762



70, 29.180, 224.762

Sweetspot

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



70, 29.177, 354.764



94, 9.293, 352.230



69, 40.113, 314.394



49, 6.473, 352.383



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, 29.177, 354.764



76, 39.543, 355.670



71, 24.872, 31.375



43, 5.189, 352.267



37, 63.935, 14.513



6, 24.133, 3.173

Inverse Universe

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



70, 29.177, 354.764



76, 39.543, 355.670



81, 19.926, 210.383



43, 5.189, 352.267



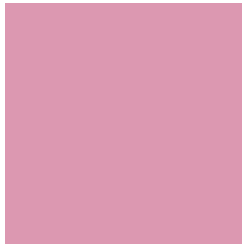
37, 63.935, 14.513



6, 24.133, 3.173

Previews

White Background



This preview shows how the CIELCh color 70, 29.180, 354.762 looks on a white background.

Color Contrast Check

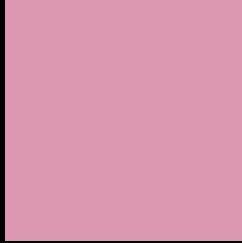
Large Text (above 18pt) WCAG AA × Fail

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 70, 29.180, 354.762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

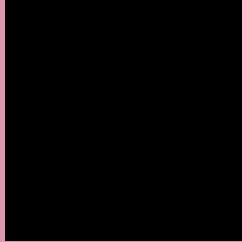
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 29.180, 354.762

Background



This preview shows how black text looks on a background with the CIELCh color 70, 29.180, 354.762.

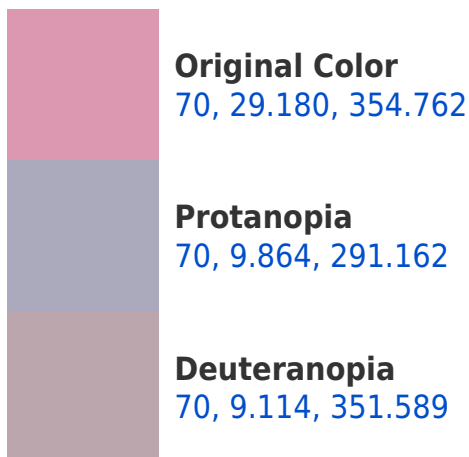


This preview shows how white text looks on a background with the CIELCh color 70, 29.180, 354.762.

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, 26.158, 8.885

Trichromacy



Original Color
70, 29.180, 354.762

Protanomaly
70, 14.838, 329.948

Deuteranomaly
70, 16.387, 353.243

Tritanomaly
70, 27.012, 3.462

Monochromacy



Original Color
70, 29.180, 354.762

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 10.362, 352.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 29.180, 354.762 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(220, 152, 177)` looks like.

```
.text, #text, p{  
    color:rgb(220, 152, 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(220, 152, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 152, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 29.180, 354.762 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(220, 152, 177) }
```

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

```
.border{ border-color:rgb(220, 152, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 152, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 152, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 152, 177); box-shadow:4px 4px 4px 4px rgb(220, 152, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 29.180, 354.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 152, 177) }
```

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

```
.background{ background-color: rgb(220,  
152, 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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