

Converting Colors

CIELCh(78, 16.049, 350.794)

Have a look what the booklet for
CIELCh(78, 16.049, 350.794)
contains.

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Color

CIELCh(78, 15.933, 350.648)

Conversions

Conversions Part 1

Format	Color
Hex	DCB7C6
RGB	220, 183, 198
RGB Percent	86%, 72%, 78%
CMY	0.1369, 0.2820, 0.2232
CMYK	0.00, 0.17, 0.10, 0.14
HSL	336°, 35%, 79%
HSV	336°, 17%, 86%
XYZ	56.6951, 53.2120, 60.7602
YIQ	195.7730, 17.2370, 12.5090

Conversions

Conversions Part 2

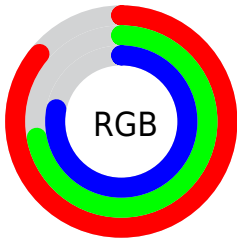
Format	Color
R_{YB}	220, 183, 198
Decimal	14464966
CIE _{Lab}	78.00, 15.72, -2.59
CIE _{LCh}	78, 15.933, 350.648
Yxy	53.2120, 0.3322, 0.3118
Android (android.graphics.Color)	4292655046 (0xFFDCB7C6)
YUV	195.7730, 1.0979, 21.2471
Hunter-Lab	72.9466, 11.0763, 1.6775

Details

The CIELCh color $78, 15.933, 350.648$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $85, 15.425, 167.568$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 9.976, 324.758$, and $58, 15.935, 351.422$ is the 20% darker color. If you saturate the color by 10%, you get $72, 25.703, 351.786$, and if you desaturate by 10%, it is $84, 6.359, 349.622$.

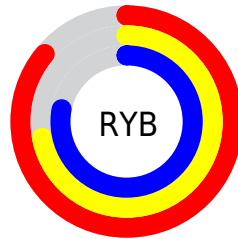
Distribution



Red (86%)

Green (72%)

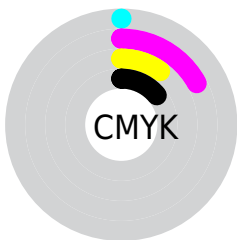
Blue (78%)



Red (86%)

Yellow (72%)

Blue (78%)

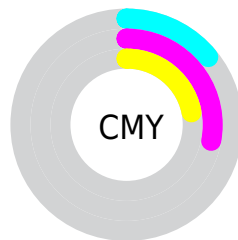


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (14%)



Cyan (14%)


Magenta (28%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 15.933, 350.648 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 78, 15.933, 350.648 by changing the saturation by 10% instead.


 78, 15.933,
350.648


 78, 15.933,
350.648


 100, 15.933,
350.648


 68, 15.933,
350.648


 98, 15.933,
350.648

 58, 15.933,
350.648

 48, 15.933,
350.648

 38, 15.933,
350.648

 28, 15.933,
350.648

 18, 15.933,
350.648

 8, 15.933, 350.648

0, 15.933, 350.648

78, 15.933,
350.648

78, 15.933,
350.648

72, 25.703,
351.786

84, 6.359, 349.622

90, 2.916, 168.983

67, 35.504,
353.095

96, 11.849,
168.073

62, 45.065,
354.644

98, 12.146,
187.589

58, 54.002,
356.524

98, 11.774,
198.719

54, 61.844,
358.859

51, 68.115, 1.812

■ 48, 72.517, 5.563

■ 47, 75.165, 10.232

■ 47, 75.903, 11.813

Harmonies

Complementary

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



78, 15.933, 350.648



85, 15.425, 167.568

Rectangle

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



78, 15.933, 350.648



78, 15.933, 40.648



78, 15.933, 170.648



78, 15.933, 220.648

Sweetspot

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



78, 15.931, 350.652



97, 5.247, 349.434



77, 21.376, 312.647



51, 3.583, 349.511



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 15.931, 350.652



87, 21.451, 351.016



78, 13.122, 27.553



43, 5.306, 349.890



37, 63.431, 10.886



6, 24.326, 0.868

Inverse Universe

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



78, 15.931, 350.652



87, 21.451, 351.016



84, 11.724, 206.643



43, 5.306, 349.890



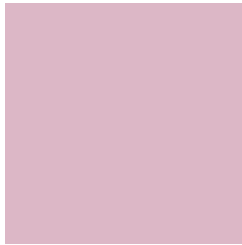
37, 63.431, 10.886



6, 24.326, 0.868

Previews

White Background



This preview shows how the CIELCh color 78, 15.933, 350.648 looks on a white background.

Color Contrast Check

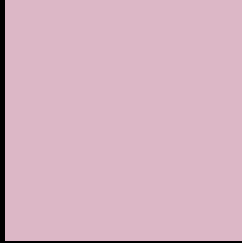
Large Text (above 18pt) WCAG AA × Fail

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 78, 15.933, 350.648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

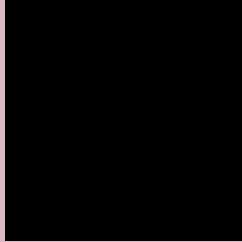
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 15.933, 350.648

Background



This preview shows how black text looks on a background with the CIELCh color 78, 15.933, 350.648.

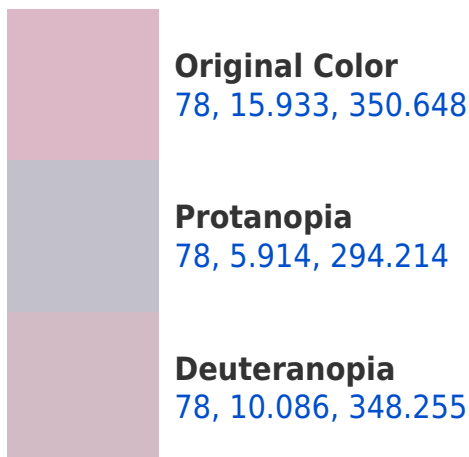


This preview shows how white text looks on a background with the CIELCh color 78, 15.933, 350.648.

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
78, 15.693, 352.359

Trichromacy



Original Color
78, 15.933, 350.648

Protanomaly
78, 8.259, 328.982

Deuteranomaly
78, 11.968, 351.038

Tritanomaly
78, 15.693, 352.359

Monochromacy



Original Color
78, 15.933, 350.648

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 6.107, 348.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 15.933, 350.648 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, 183, 198)` looks like.

```
.text, #text, p{  
    color:rgb(220, 183, 198)  
}
```

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, 183, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 183, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 15.933, 350.648 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, 183, 198) }
```

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

```
.border{ border-color:rgb(220, 183, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 183, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 183, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 183, 198); box-shadow:4px 4px 4px 4px rgb(220, 183, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 15.933, 350.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 183, 198) }
```

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

```
.background{ background-color: rgb(220,  
183, 198) }
```

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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