

Converting Colors

CIELCh(75, 15.009, 12.751)

Have a look what the booklet for
CIELCh(75, 15.009, 12.751) contains.

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Color

CIELCh(75, 15.130, 12.573)

Conversions

Conversions Part 1

Format	Color
Hex	D6AFB3
RGB	214, 175, 179
RGB Percent	84%, 69%, 70%
CMY	0.1603, 0.3133, 0.2976
CMYK	0.00, 0.18, 0.16, 0.16
HSL	354°, 32%, 76%
HSV	354°, 18%, 84%
XYZ	51.2671, 48.2781, 49.3252
YIQ	187.1170, 21.9600, 9.5120

Conversions

Conversions Part 2

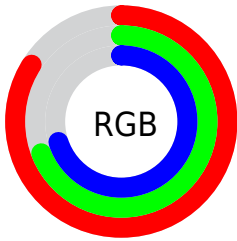
Format	Color
R _Y B	214, 175, 179
Decimal	14069683
CIE Lab	75.00, 14.77, 3.29
CIE LCh	75, 15.130, 12.573
Yxy	48.2781, 0.3444, 0.3243
Android (android.graphics.Color)	4292259763 (0xFFD6AFB3)
YUV	187.1170, -4.0017, 23.5764
Hunter-Lab	69.4824, 10.1107, 6.5480

Details

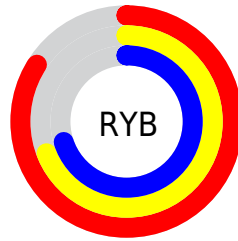
The CIELCh color **75, 15.130, 12.573** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83, 13.750, 189.572**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 8.889, 6.626**, and **55, 15.395, 12.669** is the 20% darker color. If you saturate the color by 10%, you get **69, 24.166, 13.803**, and if you desaturate by 10%, it is **81, 6.605, 11.547**.

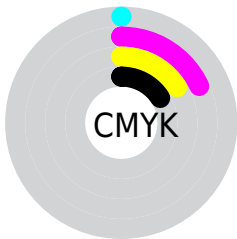
Distribution



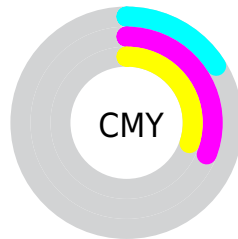
- Red (84%)
- Green (69%)
- Blue (70%)



- Red (84%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (16%)
- Black (16%)



- Cyan (16%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 15.130, 12.573 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 75, 15.130, 12.573 by changing the saturation by 10% instead.

75, 15.130, 12.573

75, 15.130, 12.573

100, 15.130,
12.573

65, 15.130, 12.573

95, 15.130, 12.573

55, 15.130, 12.573

45, 15.130, 12.573

35, 15.130, 12.573

25, 15.130, 12.573

15, 15.130, 12.573

5, 15.130, 12.573

0, 15.130, 12.573

75, 15.130, 12.573

75, 15.130, 12.573

69, 24.166, 13.803

81, 6.605, 11.547

64, 33.642, 15.319

87, 1.385, 191.224

59, 43.398, 17.234

93, 8.858, 190.196

55, 53.186, 19.673

97, 13.693,
198.592

51, 62.680, 22.769

48, 71.550, 26.596

46, 79.503, 31.039

45, 86.173, 35.503

45, 87.242, 36.161

Harmonies

Complementary

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



75, 15.130, 12.573



83, 13.750, 189.572

Rectangle

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



75, 15.130, 12.573



75, 15.130, 62.573



75, 15.130, 192.573



75, 15.130, 242.573

Sweetspot

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



75, 15.128, 12.580



97, 4.585, 11.218



76, 24.433, 322.103



51, 3.135, 11.296



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 15.128, 12.580



85, 21.322, 13.040



79, 12.295, 60.087



42, 4.583, 11.667



35, 73.121, 35.448



5, 21.968, 15.198

Inverse Universe

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



75, 15.128, 12.580



85, 21.322, 13.040



79, 11.320, 244.034



42, 4.583, 11.667



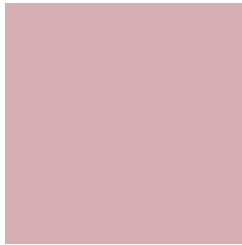
35, 73.121, 35.448



5, 21.968, 15.198

Previews

White Background



This preview shows how the CIELCh color 75, 15.130, 12.573 looks on a white background.

Color Contrast Check

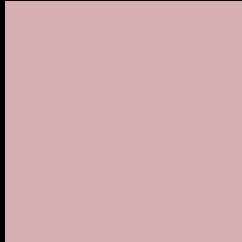
Large Text (above 18pt) WCAG AA × Fail

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 75, 15.130, 12.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

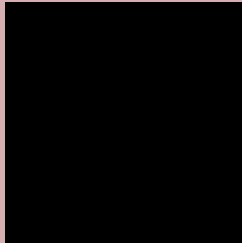
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 15.130, 12.573

Background



This preview shows how black text looks on a background with the CIELCh color 75, 15.130, 12.573.

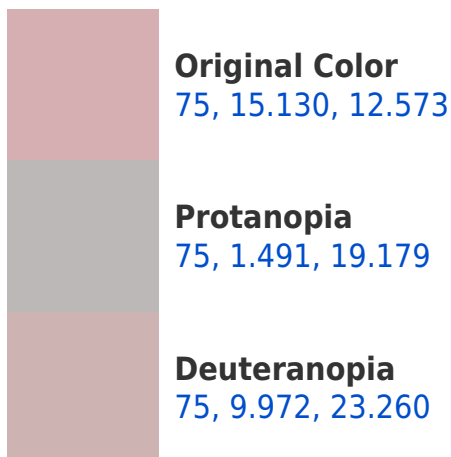


This preview shows how white text looks on a background with the CIELCh color 75, 15.130, 12.573.

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
75, 16.988, 356.691

Trichromacy



Original Color
75, 15.130, 12.573

Protanomaly
75, 6.065, 14.749

Deuteranomaly
75, 11.513, 20.333

Tritanomaly
75, 16.479, 1.889

Monochromacy



Original Color
75, 15.130, 12.573

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.294, 13.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 15.130, 12.573 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(214, 175, 179)` looks like.

```
.text, #text, p{  
    color:rgb(214, 175, 179)  
}
```

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(214, 175, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 175, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 15.130, 12.573 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(214, 175, 179) }
```

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

```
.border{ border-color:rgb(214, 175, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 175, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 175, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 175, 179);  
box-shadow:4px 4px 4px 4px rgb(214, 175,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 15.130, 12.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 175, 179) }
```

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

```
.background{ background-color: rgb(214,  
175, 179) }
```

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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