

Converting Colors

CIELCh(75, 15.836, 13.495)

Have a look what the booklet for
CIELCh(75, 15.836, 13.495) contains.

CIELCh(75, 15.488, 14.785)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(75, 15.488, 14.785)

Conversions

Conversions Part 1

Format	Color
Hex	D7AFB2
RGB	215, 175, 178
RGB Percent	84%, 69%, 70%
CMY	0.1572, 0.3140, 0.3022
CMYK	0.00, 0.19, 0.17, 0.16
HSL	356°, 33%, 76%
HSV	356°, 19%, 84%
XYZ	51.3458, 48.2781, 48.6932
YIQ	187.3020, 22.8770, 9.4130

Conversions

Conversions Part 2

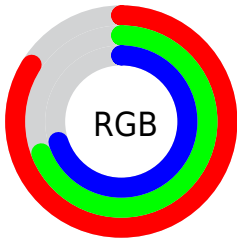
Format	Color
R _Y B	215, 175, 178
Decimal	14135218
CIE Lab	75.00, 14.98, 3.95
CIE LCh	75, 15.488, 14.785
Yxy	48.2781, 0.3462, 0.3255
Android (android.graphics.Color)	4292325298 (0xFFD7AFB2)
YUV	187.3020, -4.5859, 24.2911
Hunter-Lab	69.4824, 10.3127, 7.0873

Details

The CIELCh color **75, 15.488, 14.785** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83, 13.952, 191.894**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 8.795, 9.886**, and **55, 15.790, 15.002** is the 20% darker color. If you saturate the color by 10%, you get **69, 24.602, 15.986**, and if you desaturate by 10%, it is **81, 6.922, 13.797**.

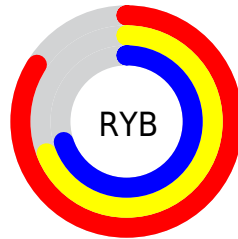
Distribution



Red (84%)

Green (69%)

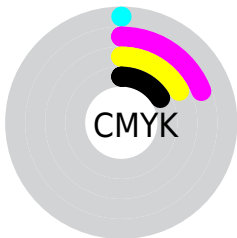
Blue (70%)



Red (84%)

Yellow (69%)

Blue (70%)

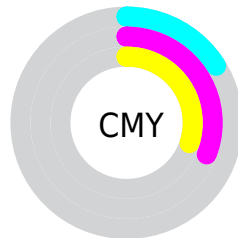


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (16%)



Cyan (16%)

Magenta (31%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 15.488, 14.785 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, 15.488, 14.785 by changing the saturation by 10% instead.

 75, 15.488, 14.785

 75, 15.488, 14.785

 100, 15.488,
14.785

 65, 15.488, 14.785

 95, 15.488, 14.785

 55, 15.488, 14.785

 45, 15.488, 14.785

 35, 15.488, 14.785

 25, 15.488, 14.785

 15, 15.488, 14.785

 5, 15.488, 14.785

 0, 15.488, 14.785

 75, 15.488, 14.785

 75, 15.488, 14.785

69, 24.602, 15.986

81, 6.922, 13.797

64, 34.202, 17.482

87, 1.079, 193.632

59, 44.134, 19.387

93, 8.538, 192.526

55, 54.156, 21.824

97, 13.437,
198.609

51, 63.947, 24.914

48, 73.159, 28.699

46, 81.411, 32.983

45, 88.060, 37.002

45, 88.844, 37.425

Harmonies

Complementary

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



75, 15.488, 14.785



83, 13.952, 191.894

Rectangle

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



75, 15.488, 14.785



75, 15.488, 64.785



75, 15.488, 194.785



75, 15.488, 244.785

Sweetspot

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



75, 15.486, 14.792



96, 5.495, 13.548



76, 25.276, 323.093



51, 3.653, 13.614



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, 15.486, 14.792



85, 21.290, 15.194



79, 12.704, 63.892



42, 4.564, 13.874



35, 74.300, 36.800



5, 21.964, 16.426

Inverse Universe

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



75, 15.486, 14.792



85, 21.290, 15.194



79, 11.791, 248.292



42, 4.564, 13.874



35, 74.300, 36.800



5, 21.964, 16.426

Previews

White Background



This preview shows how the CIELCh color 75, 15.488, 14.785 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, 15.488, 14.785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

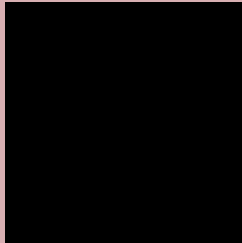
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 15.488, 14.785

Background



This preview shows how black text looks on a background with the CIELCh color 75, 15.488, 14.785.

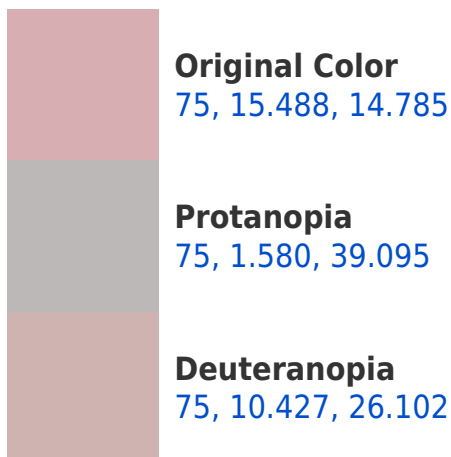


This preview shows how white text looks on a background with the CIELCh color 75, 15.488, 14.785.

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, 17.338, 357.257

Trichromacy



Original Color
75, 15.488, 14.785

Protanomaly
75, 6.434, 19.859

Deuteranomaly
75, 11.945, 22.927

Tritanomaly
75, 16.846, 2.361

Monochromacy



Original Color
75, 15.488, 14.785

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, 15.488, 14.785 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(215, 175, 178)` looks like.

```
.text, #text, p{  
    color:rgb(215, 175, 178)  
}
```

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(215, 175, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 175, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 15.488, 14.785 is called "border". The border property can be set on classes, ids or directly on the HTML element.

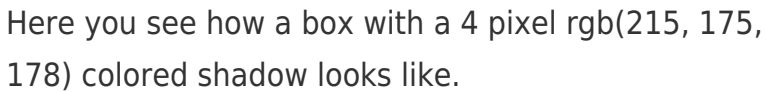
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 175, 178) }
```

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

```
.border{ border-color:rgb(215, 175, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 175, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 175, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 175, 178); box-shadow:4px 4px 4px 4px rgb(215, 175, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 15.488, 14.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 175, 178) }
```

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

```
.background{ background-color: rgb(215,  
175, 178) }
```

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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