

Converting Colors

CIELCh(75, 15.417, 352.057)

Have a look what the booklet for
CIELCh(75, 15.417, 352.057)
contains.

CIELCh(75, 15.483, 351.709)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 15.483, 351.709)

Conversions

Conversions Part 1

Format	Color
Hex	D3AFBD
RGB	211, 175, 189
RGB Percent	83%, 69%, 74%
CMY	0.1719, 0.3131, 0.2582
CMYK	0.00, 0.17, 0.10, 0.17
HSL	337°, 29%, 76%
HSV	337°, 17%, 83%
XYZ	51.4768, 48.2781, 54.8428
YIQ	187.3600, 16.9620, 11.9860

Conversions

Conversions Part 2

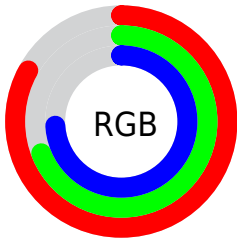
Format	Color
R _Y B	211, 175, 189
Decimal	13873085
CIE Lab	75.00, 15.32, -2.23
CIE LCh	75, 15.483, 351.709
Yxy	48.2781, 0.3330, 0.3123
Android (android.graphics.Color)	4292063165 (0xFFD3AFBD)
YUV	187.3600, 0.8085, 20.7323
Hunter-Lab	69.4824, 10.6492, 1.8398

Details

The CIELCh color $75, 15.483, 351.709$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $82, 14.949, 168.559$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 11.186, 340.111$, and $55, 15.752, 350.737$ is the 20% darker color. If you saturate the color by 10%, you get $70, 24.864, 352.866$, and if you desaturate by 10%, it is $81, 6.302, 350.671$.

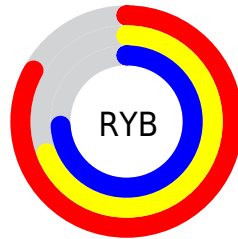
Distribution



Red (83%)

Green (69%)

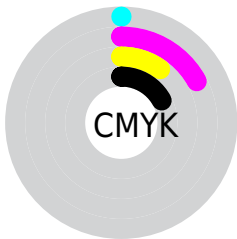
Blue (74%)



Red (83%)

Yellow (69%)

Blue (74%)

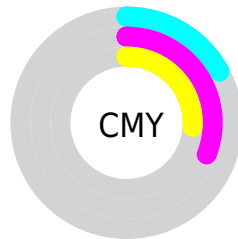


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (17%)



Cyan (17%)


Magenta (31%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 15.483, 351.709 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, 15.483, 351.709 by changing the saturation by 10% instead.


 75, 15.483,
351.709


 75, 15.483,
351.709


 100, 15.483,
351.709


 65, 15.483,
351.709


 95, 15.483,
351.709

 55, 15.483,
351.709

 45, 15.483,
351.709

 35, 15.483,
351.709

 25, 15.483,
351.709

 15, 15.483,
351.709

 5, 15.483, 351.709

0, 15.483, 351.709

75, 15.483,
351.709

75, 15.483,
351.709

70, 24.864,
352.866

81, 6.302, 350.671

86, 2.582, 170.040

64, 34.289,
354.201

92, 11.130,
169.108

60, 43.501,
355.787

97, 16.806,
172.698

55, 52.137,
357.719

97, 14.697,
195.912

51, 59.747, 0.123

97, 14.630,
198.531

48, 65.886, 3.166

46, 70.277, 7.026

■ 45, 73.057, 11.802

■ 45, 73.811, 13.280

Harmonies

Complementary

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



75, 15.483, 351.709



82, 14.949, 168.559

Rectangle

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



75, 15.483, 351.709



75, 15.483, 41.709



75, 15.483, 171.709



75, 15.483, 221.709

Sweetspot

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



75, 15.481, 351.713



97, 5.193, 350.457



74, 21.043, 313.207



51, 3.547, 350.535



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, 15.481, 351.713



87, 21.256, 352.062



76, 12.696, 29.096



41, 5.052, 350.914



35, 62.209, 12.349



5, 20.926, 0.766

Inverse Universe

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



75, 15.481, 351.713



87, 21.256, 352.062



81, 11.325, 208.418



41, 5.052, 350.914



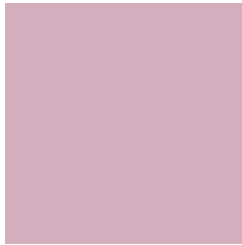
35, 62.209, 12.349



5, 20.926, 0.766

Previews

White Background



This preview shows how the CIELCh color 75, 15.483, 351.709 looks on a white background.

Color Contrast Check

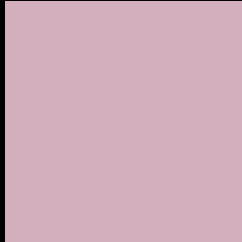
Large Text (above 18pt) WCAG AA × Fail

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, 15.483, 351.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

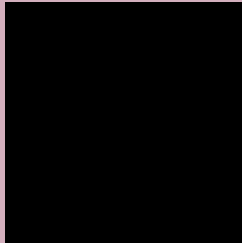
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 15.483, 351.709

Background



This preview shows how black text looks on a background with the CIELCh color 75, 15.483, 351.709.



This preview shows how white text looks on a background with the CIELCh color 75, 15.483, 351.709.

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
75, 15.483, 351.709

Protanopia
75, 5.422, 294.538

Deuteranopia
75, 9.574, 349.806



Tritanopia
75, 15.483, 351.709

Trichromacy



Original Color
75, 15.483, 351.709

Protanomaly
75, 7.912, 331.441

Deuteranomaly
75, 11.486, 352.477

Tritanomaly
75, 15.483, 351.709

Monochromacy



Original Color
75, 15.483, 351.709

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.563, 350.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 15.483, 351.709 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(211, 175, 189)` looks like.

```
.text, #text, p{  
    color:rgb(211, 175, 189)  
}
```

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(211, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 175, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 15.483, 351.709 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(211, 175, 189) }
```

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

```
.border{ border-color:rgb(211, 175, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(211, 175,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 15.483, 351.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 175, 189) }
```

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

```
.background{ background-color: rgb(211,  
175, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor