

Converting Colors

CIELCh(75, 16.971, 356.681)

Have a look what the booklet for
CIELCh(75, 16.971, 356.681)
contains.

CIELCh(75, 16.988, 356.691)	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, 16.988, 356.691)

Conversions

Conversions Part 1

Format	Color
Hex	D7AEBB
RGB	215, 174, 187
RGB Percent	84%, 68%, 73%
CMY	0.1571, 0.3178, 0.2669
CMYK	0.00, 0.19, 0.13, 0.16
HSL	341°, 34%, 76%
HSV	341°, 19%, 84%
XYZ	52.1001, 48.2781, 53.5584
YIQ	187.7410, 20.2630, 12.7350

Conversions

Conversions Part 2

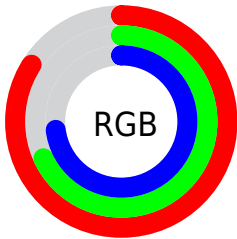
Format	Color
R _Y B	215, 174, 187
Decimal	14134971
CIE Lab	75.00, 16.96, -0.98
CIE LCh	75, 16.988, 356.691
Yxy	48.2781, 0.3385, 0.3136
Android (android.graphics.Color)	4292325051 (0xFFD7AE _B B)
YUV	187.7410, -0.3653, 23.9061
Hunter-Lab	69.4824, 12.2506, 2.9358

Details

The CIELCh color **75, 16.988, 356.691** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **83, 16.128, 173.005**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 11.159, 343.360**, and **55, 17.333, 356.158** is the 20% darker color. If you saturate the color by 10%, you get **69, 26.291, 357.957**, and if you desaturate by 10%, it is **81, 7.930, 355.587**.

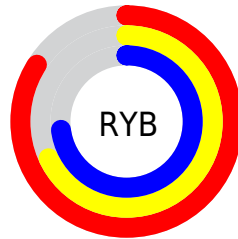
Distribution



Red (84%)

Green (68%)

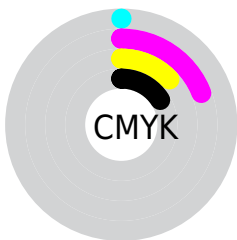
Blue (73%)



Red (84%)

Yellow (68%)

Blue (73%)

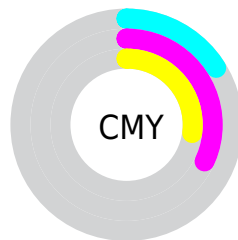


Cyan (0%)

Magenta (19%)

Yellow (13%)

Black (16%)



Cyan (16%)


Magenta (32%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 16.988, 356.691 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, 16.988, 356.691 by changing the saturation by 10% instead.


 75, 16.988,
356.691


 75, 16.988,
356.691


 100, 16.988,
356.691


 65, 16.988,
356.691


 95, 16.988,
356.691

 55, 16.988,
356.691

 45, 16.988,
356.691

 35, 16.988,
356.691

 25, 16.988,
356.691

 15, 16.988,
356.691

 5, 16.988, 356.691

0, 16.988, 356.691

75, 16.988,
356.691

75, 16.988,
356.691

69, 26.291,
357.957

81, 7.930, 355.587

64, 35.686,
359.449

87, 0.789, 175.343

92, 9.135, 173.937

59, 44.914, 1.257

97, 14.558,
179.355

55, 53.616, 3.496

51, 61.361, 6.319

97, 13.428,
198.609

49, 67.759, 9.901

47, 72.638, 14.389

■ 46, 76.358, 19.696

■ 45, 76.714, 20.186

Harmonies

Complementary

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



75, 16.988, 356.691



83, 16.128, 173.005

Rectangle

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



75, 16.988, 356.691



75, 16.988, 46.691



75, 16.988, 176.691



75, 16.988, 226.691

Sweetspot

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



75, 16.986, 356.695



96, 5.990, 355.260



75, 24.293, 315.471



51, 3.978, 355.333



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, 16.986, 356.695



85, 23.693, 357.196



76, 13.810, 35.684



42, 4.951, 355.624



36, 64.344, 19.199



5, 22.335, 5.353

Inverse Universe

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



75, 16.986, 356.695



85, 23.693, 357.196



81, 12.154, 216.091



42, 4.951, 355.624



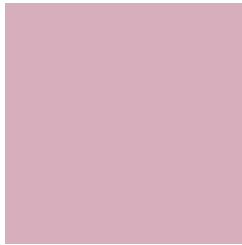
36, 64.344, 19.199



5, 22.335, 5.353

Previews

White Background



This preview shows how the CIELCh color 75, 16.988, 356.691 looks on a white background.

Color Contrast Check

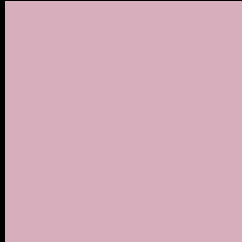
Large Text (above 18pt) WCAG AA × Fail

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, 16.988, 356.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

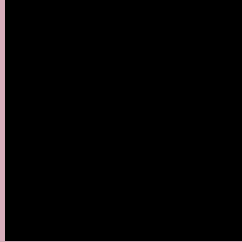
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 16.988, 356.691

Background



This preview shows how black text looks on a background with the CIELCh color 75, 16.988, 356.691.



This preview shows how white text looks on a background with the CIELCh color 75, 16.988, 356.691.

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, 16.988, 356.691

Protanopia

75, 4.929, 299.150

Deuteranopia

75, 9.445, 356.701



Tritanopia
75, 16.988, 356.691

Trichromacy



Original Color
75, 16.988, 356.691

Protanomaly
75, 8.693, 337.084

Deuteranomaly
75, 12.314, 357.345

Tritanomaly
75, 16.988, 356.691

Monochromacy



Original Color
75, 16.988, 356.691

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.231, 354.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 16.988, 356.691 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, 174, 187)` looks like.

```
.text, #text, p{  
    color:rgb(215, 174, 187)  
}
```

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, 174, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 174, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 16.988, 356.691 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, 174, 187) }
```

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

```
.border{ border-color:rgb(215, 174, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 174, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 174, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 174, 187);  
box-shadow:4px 4px 4px 4px rgb(215, 174,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 16.988, 356.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 174, 187) }
```

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

```
.background{ background-color: rgb(215,  
174, 187) }
```

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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