

Converting Colors

CIELCh(73, 14.863, 6.668)

Have a look what the booklet for
CIELCh(73, 14.863, 6.668) contains.

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Color

CIELCh(73, 14.675, 5.823)

Conversions

Conversions Part 1

Format	Color
Hex	CFAAB1
RGB	207, 170, 177
RGB Percent	81%, 67%, 69%
CMY	0.1884, 0.3335, 0.3061
CMYK	0.00, 0.18, 0.14, 0.19
HSL	349°, 28%, 74%
HSV	349°, 18%, 81%
XYZ	48.0173, 45.1644, 47.7587
YIQ	181.8610, 19.8050, 10.0210

Conversions

Conversions Part 2

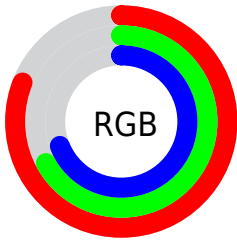
Format	Color
R _Y B	207, 170, 177
Decimal	13609649
CIE Lab	73.00, 14.60, 1.49
CIE LCh	73, 14.675, 5.823
Yxy	45.1644, 0.3407, 0.3205
Android (android.graphics.Color)	4291799729 (0xFFCFAAB1)
YUV	181.8610, -2.3965, 22.0469
Hunter-Lab	67.2044, 9.9297, 4.9088

Details

The CIELCh color $73, 14.675, 5.823$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $80, 13.628, 182.522$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 11.599, 359.416$, and $53, 14.487, 5.047$ is the 20% darker color. If you saturate the color by 10%, you get $68, 23.444, 7.105$, and if you desaturate by 10%, it is $79, 6.295, 4.724$.

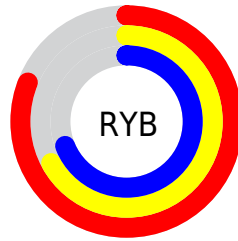
Distribution



Red (81%)

Green (67%)

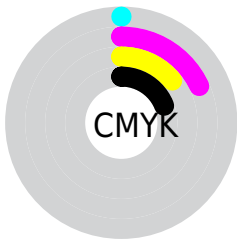
Blue (69%)



Red (81%)

Yellow (67%)

Blue (69%)

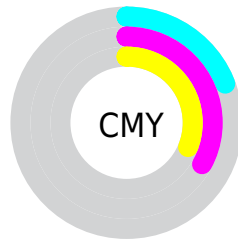


Cyan (0%)

Magenta (18%)

Yellow (14%)

Black (19%)



Cyan (19%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 14.675, 5.823 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 73, 14.675, 5.823 by changing the saturation by 10% instead.

73, 14.675, 5.823

73, 14.675, 5.823

100, 14.675, 5.823

63, 14.675, 5.823

93, 14.675, 5.823

53, 14.675, 5.823

43, 14.675, 5.823

33, 14.675, 5.823

23, 14.675, 5.823

13, 14.675, 5.823

3, 14.675, 5.823

0, 14.675, 5.823

73, 14.675, 5.823

73, 14.675, 5.823

68, 23.444, 7.105

79, 6.295, 4.724

62, 32.507, 8.649

84, 1.646, 184.227

58, 41.676, 10.558

90, 9.149, 183.187

53, 50.675, 12.959

96, 16.231,
182.479

50, 59.159, 16.000

97, 15.954,
198.445

47, 66.799, 19.822

45, 73.416, 24.468

44, 79.101, 29.668

43, 80.297, 30.706

Harmonies

Complementary

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



73, 14.675, 5.823



80, 13.628, 182.522

Rectangle

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



73, 14.675, 5.823



73, 14.675, 55.823



73, 14.675, 185.823



73, 14.675, 235.823

Sweetspot

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



73, 14.673, 5.829



97, 4.699, 4.409



73, 22.797, 319.595



51, 3.212, 4.492



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 14.673, 5.829



86, 20.595, 6.236



76, 11.751, 50.395



41, 4.593, 4.890



35, 68.316, 29.850



4, 20.190, 10.706

Inverse Universe

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



73, 14.673, 5.829



86, 20.595, 6.236



78, 10.618, 233.099



41, 4.593, 4.890



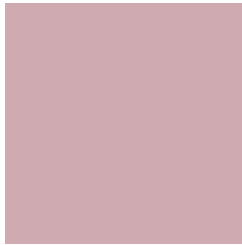
35, 68.316, 29.850



4, 20.190, 10.706

Previews

White Background



This preview shows how the CIELCh color 73, 14.675, 5.823 looks on a white background.

Color Contrast Check

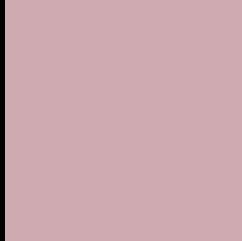
Large Text (above 18pt) WCAG AA × Fail

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 73, 14.675, 5.823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

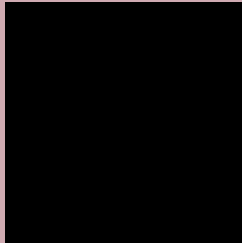
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 14.675, 5.823

Background



This preview shows how black text looks on a background with the CIELCh color 73, 14.675, 5.823.



This preview shows how white text looks on a background with the CIELCh color 73, 14.675, 5.823.

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

73, 14.675, 5.823

Protanopia

73, 2.653, 324.470

Deuteranopia

73, 9.237, 13.454



Tritanopia
73, 16.377, 355.540

Trichromacy



Original Color
73, 14.675, 5.823

Protanomaly
73, 6.627, 355.814

Deuteranomaly
73, 10.845, 11.746

Tritanomaly
73, 15.999, 359.096

Monochromacy



Original Color
73, 14.675, 5.823

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 5.025, 7.330

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 14.675, 5.823 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(207, 170, 177)` looks like.

```
.text, #text, p{  
    color:rgb(207, 170, 177)  
}
```

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(207, 170, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 170, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 14.675, 5.823 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(207, 170, 177) }
```

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

```
.border{ border-color:rgb(207, 170, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 170, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 170, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 170, 177);  
box-shadow:4px 4px 4px 4px rgb(207, 170,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 14.675, 5.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 170, 177) }
```

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

```
.background{ background-color: rgb(207,  
170, 177) }
```

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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