

Converting Colors

CIELCh(73, 12.256, 18.443)

Have a look what the booklet for
CIELCh(73, 12.256, 18.443) contains.

CIELCh(73, 11.975, 17.834)	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(73, 11.975, 17.834)

Conversions

Conversions Part 1

Format	Color
Hex	CBACAD
RGB	203, 172, 173
RGB Percent	80%, 67%, 68%
CMY	0.2043, 0.3258, 0.3219
CMYK	0.00, 0.15, 0.15, 0.20
HSL	358°, 23%, 73%
HSV	358°, 15%, 80%
XYZ	46.8691, 45.1644, 45.7339
YIQ	181.3830, 18.1550, 6.8830

Conversions

Conversions Part 2

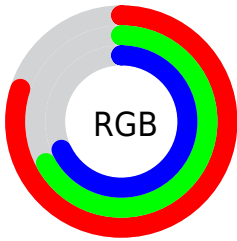
Format	Color
R_{YB}	203, 172, 173
Decimal	13348013
CIE Lab	73.00, 11.40, 3.67
CIE LCh	73, 11.975, 17.834
Yxy	45.1644, 0.3402, 0.3278
Android (android.graphics.Color)	4291538093 (0xFFCBACAD)
YUV	181.3830, -4.1328, 18.9581
Hunter-Lab	67.2044, 6.8800, 6.6951

Details

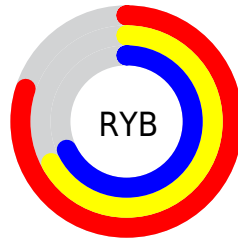
The CIELCh color **73, 11.975, 17.834** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79, 10.918, 195.833**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 10.204, 17.184**, and **53, 12.027, 18.019** is the 20% darker color. If you saturate the color by 10%, you get **68, 20.549, 18.872**, and if you desaturate by 10%, it is **79, 3.983, 16.951**.

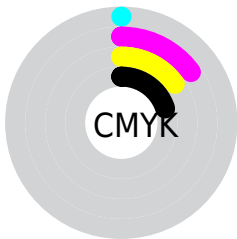
Distribution



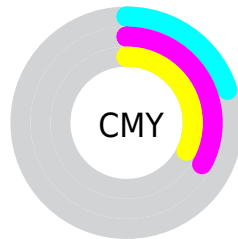
- Red (80%)
- Green (67%)
- Blue (68%)



- Red (80%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (20%)



- Cyan (20%)
- Magenta (33%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 11.975, 17.834 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, 11.975, 17.834 by changing the saturation by 10% instead.

 73, 11.975, 17.834

 73, 11.975, 17.834

 100, 11.975,
17.834

 63, 11.975, 17.834

 93, 11.975, 17.834

 53, 11.975, 17.834

 43, 11.975, 17.834

 33, 11.975, 17.834

 23, 11.975, 17.834

 13, 11.975, 17.834

 3, 11.975, 17.834

 0, 11.975, 17.834

 73, 11.975, 17.834

 73, 11.975, 17.834

68, 20.549, 18.872

79, 3.983, 16.951

62, 29.680, 20.173

84, 3.435, 196.611

57, 39.269, 21.846

90, 10.321,
195.983

53, 49.133, 24.005

96, 16.724,
195.534

49, 58.996, 26.760

46, 68.511, 30.156

97, 17.212,
198.364

44, 77.215, 34.012

43, 84.203, 37.644

42, 86.660, 38.843

Harmonies

Complementary

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



73, 11.975, 17.834



79, 10.918, 195.833

Rectangle

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



73, 11.975, 17.834



73, 11.975, 67.834



73, 11.975, 197.834



73, 11.975, 247.834

Sweetspot

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



73, 11.973, 17.843



97, 4.543, 16.931



74, 20.063, 324.339



51, 3.107, 17.000



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, 11.973, 17.843



88, 17.173, 18.126



77, 10.048, 69.899



40, 4.369, 17.321



34, 74.242, 38.511



4, 17.924, 17.819

Inverse Universe

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



73, 11.973, 17.843



88, 17.173, 18.126



76, 9.586, 253.781



40, 4.369, 17.321



34, 74.242, 38.511



4, 17.924, 17.819

Previews

White Background



This preview shows how the CIELCh color 73, 11.975, 17.834 looks on a white background.

Color Contrast Check

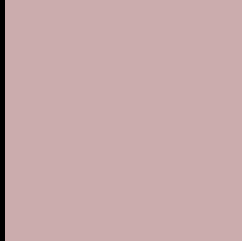
Large Text (above 18pt) WCAG AA × Fail

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, 11.975, 17.834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

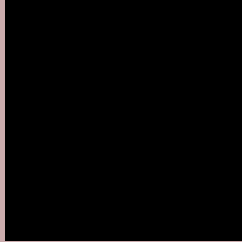
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 11.975, 17.834

Background



This preview shows how black text looks on a background with the CIELCh color 73, 11.975, 17.834.

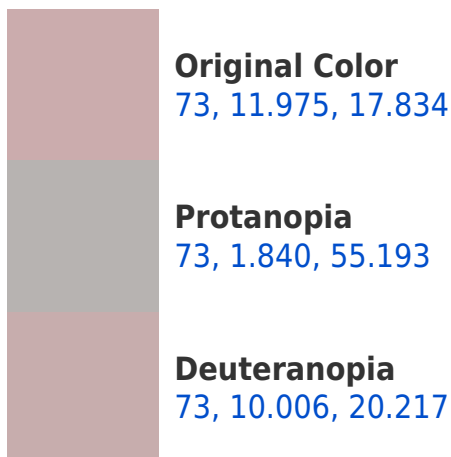


This preview shows how white text looks on a background with the CIELCh color 73, 11.975, 17.834.

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
73, 14.900, 350.229

Trichromacy



Original Color
73, 11.975, 17.834

Protanomaly
73, 5.314, 19.761

Deuteranomaly
73, 10.399, 20.253

Tritanomaly
73, 13.463, 359.458

Monochromacy



Original Color
73, 11.975, 17.834

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 4.154, 19.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 11.975, 17.834 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(203, 172, 173)` looks like.

```
.text, #text, p{  
    color:rgb(203, 172, 173)  
}
```

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(203, 172, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 172, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 11.975, 17.834 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(203, 172, 173) }
```

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

```
.border{ border-color:rgb(203, 172, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 172, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 172, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 172, 173);  
box-shadow:4px 4px 4px 4px rgb(203, 172,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 11.975, 17.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 172, 173) }
```

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

```
.background{ background-color: rgb(203,  
172, 173) }
```

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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