

Converting Colors

CIELCh(73, 13.900, 20.580)

Have a look what the booklet for
CIELCh(73, 13.900, 20.580) contains.

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Color

CIELCh(73, 13.991, 20.589)

Conversions

Conversions Part 1

Format	Color
Hex	CFABAB
RGB	207, 171, 171
RGB Percent	81%, 67%, 67%
CMY	0.1894, 0.3306, 0.3306
CMYK	0.00, 0.17, 0.17, 0.19
HSL	0°, 27%, 74%
HSV	0°, 17%, 81%
XYZ	47.4760, 45.1644, 44.5961
YIQ	181.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

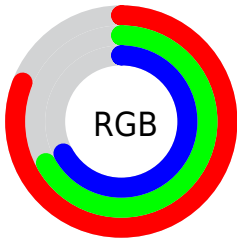
Format	Color
RYB	207, 171, 171
Decimal	13609899
CIELab	73.00, 13.10, 4.92
CIElCh	73, 13.991, 20.589
Yxy	45.1644, 0.3459, 0.3291
Android (android.graphics.Color)	4291799979 (0xFFCFABAB)
YUV	181.7640, -5.3067, 22.1320
Hunter-Lab	67.2044, 8.4920, 7.6990

Details

The CIELCh color **73, 13.991, 20.589** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81, 12.495, 198.538**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 10.588, 20.094**, and **53, 13.784, 20.946** is the 20% darker color. If you saturate the color by 10%, you get **67, 22.889, 21.604**, and if you desaturate by 10%, it is **79, 5.725, 19.774**.

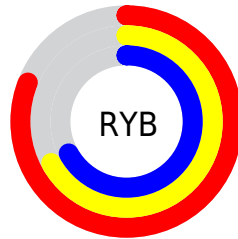
Distribution



Red (81%)

Green (67%)

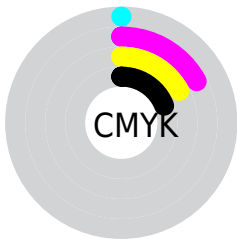
Blue (67%)



Red (81%)

Yellow (67%)

Blue (67%)

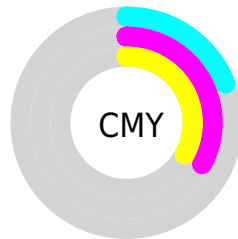


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (19%)



Cyan (19%)

Magenta (33%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 13.991, 20.589 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, 13.991, 20.589 by changing the saturation by 10% instead.

 73, 13.991, 20.589

 73, 13.991, 20.589

 100, 13.991,
20.589

 63, 13.991, 20.589

 93, 13.991, 20.589

 53, 13.991, 20.589

 43, 13.991, 20.589

 33, 13.991, 20.589

 23, 13.991, 20.589

 13, 13.991, 20.589

 3, 13.991, 20.589

 0, 13.991, 20.589

 73, 13.991, 20.589

 73, 13.991, 20.589

67, 22.889, 21.604

79, 5.725, 19.774

62, 32.393, 22.907

85, 1.921, 199.573

57, 42.395, 24.608

90, 8.991, 198.873

53, 52.697, 26.817

96, 15.542,
198.474

49, 62.997, 29.623

97, 16.036,
198.440

46, 72.875, 32.991

44, 81.617, 36.545

43, 87.812, 39.329

43, 89.261, 40.001

Harmonies

Complementary

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



73, 13.991, 20.589



81, 12.495, 198.538

Rectangle

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



73, 13.991, 20.589



73, 13.991, 70.589



73, 13.991, 200.589



73, 13.991, 250.589

Sweetspot

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



73, 13.989, 20.597



97, 4.538, 19.574



74, 23.466, 325.382



51, 3.105, 19.638



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, 13.989, 20.597



86, 20.311, 20.956



78, 11.903, 73.259



41, 4.459, 19.934



35, 76.454, 39.865



4, 20.017, 19.471

Inverse Universe

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



81, 12.495, 198.538



96, 17.656, 198.344



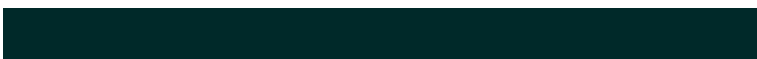
76, 11.379, 257.874



43, 4.203, 198.983



62, 36.708, 196.399



14, 14.037, 196.397

Previews

White Background



This preview shows how the CIELCh color 73, 13.991, 20.589 looks on a white background.

Color Contrast Check

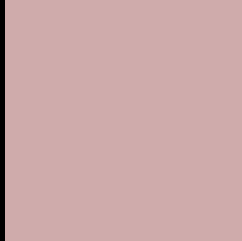
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 13.991, 20.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

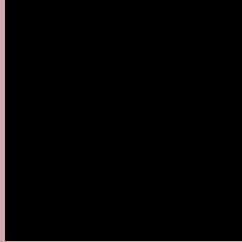
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 13.991, 20.589

Background



This preview shows how black text looks on a background with the CIELCh color 73, 13.991, 20.589.



This preview shows how white text looks on a background with the CIELCh color 73, 13.991, 20.589.

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, 13.991, 20.589

Protanopia

73, 2.856, 68.494

Deuteranopia

73, 10.595, 29.001



Tritanopia
73, 16.377, 355.540

Trichromacy



Original Color
73, 13.991, 20.589

Protanomaly
73, 6.328, 34.640

Deuteranomaly
73, 11.699, 25.631

Tritanomaly
73, 15.168, 4.261

Monochromacy



Original Color
73, 13.991, 20.589

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 4.924, 19.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 13.991, 20.589 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, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(207, 171, 171)  
}
```

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, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 171, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 13.991, 20.589 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, 171, 171) }
```

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

```
.border{ border-color:rgb(207, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(207, 171,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 13.991, 20.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 171, 171) }
```

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

```
.background{ background-color: rgb(207,  
171, 171) }
```

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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