

Converting Colors

CIELCh(73, 5.049, 74.362)

Have a look what the booklet for
CIELCh(73, 5.049, 74.362) contains.

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Color

CIELCh(73, 5.285, 74.319)

Conversions

Conversions Part 1

Format	Color
Hex	BAB2AA
RGB	186, 178, 170
RGB Percent	73%, 70%, 67%
CMY	0.2707, 0.3021, 0.3334
CMYK	0.00, 0.04, 0.09, 0.27
HSL	30°, 10%, 70%
HSV	30°, 9%, 73%
XYZ	43.4087, 45.1644, 44.4447
YIQ	179.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

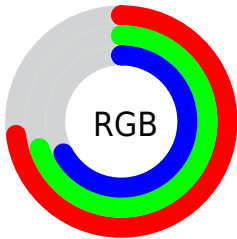
Format	Color
RYB	186, 186, 170
Decimal	12235434
CIELab	73.00, 1.43, 5.09
CIELCh	73, 5.285, 74.319
Yxy	45.1644, 0.3263, 0.3395
Android (android.graphics.Color)	4290425514 (0xFFBAB2AA)
YUV	179.4800, -4.6736, 5.7180
Hunter-Lab	67.2044, -2.3110, 7.8325

Details

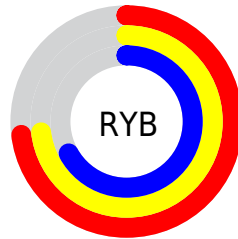
The CIELCh color $73, 5.285, 74.319$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 5.185, 256.609$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 5.439, 77.587$, and $53, 5.197, 70.397$ is the 20% darker color. If you saturate the color by 10%, you get $70, 11.701, 73.152$, and if you desaturate by 10%, it is $76, 0.848, 256.022$.

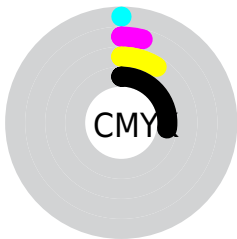
Distribution



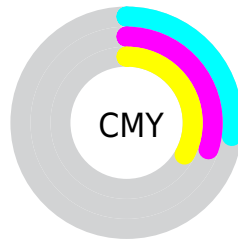
- Red (73%)
- Green (70%)
- Blue (67%)



- Red (73%)
- Yellow (73%)
- Blue (67%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (27%)



- Cyan (27%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.285, 74.319 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, 5.285, 74.319 by changing the saturation by 10% instead.

 73, 5.285, 74.319

 73, 5.285, 74.319

 100, 5.285, 74.319

 63, 5.285, 74.319

 93, 5.285, 74.319

 53, 5.285, 74.319

 43, 5.285, 74.319

 33, 5.285, 74.319

 23, 5.285, 74.319

 13, 5.285, 74.319

 3, 5.285, 74.319

 0, 5.285, 74.319

 73, 5.285, 74.319

 73, 5.285, 74.319

70, 11.701, 73.152

76, 0.848, 256.022

67, 18.419, 71.920

79, 6.727, 256.835

65, 25.450, 70.671

82, 12.376,
257.947

62, 32.779, 69.409

85, 17.823,
259.034

59, 40.339, 68.122

57, 47.966, 66.771

88, 19.824,
252.931

54, 55.311, 65.253

90, 18.596,
235.278

52, 61.721, 63.360

50, 66.557, 60.903

92, 19.194,
217.247

95, 21.409,
201.807

96, 22.278,
198.045

Harmonies

Complementary

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



73, 5.285, 74.319



72, 5.185, 256.609

Rectangle

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



73, 5.285, 74.319



73, 5.285, 124.319



73, 5.285, 254.319



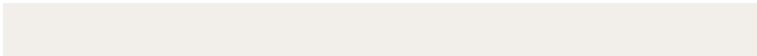
73, 5.285, 304.319

Sweetspot

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



73, 5.286, 74.342



94, 2.252, 74.891



71, 7.464, 344.309



51, 1.725, 74.833



98, 0.011, 296.813



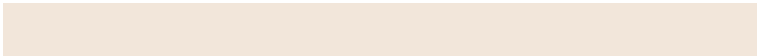
51, 0.007, 296.813

Same Dimension

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



73, 5.286, 74.342



92, 7.645, 74.162



75, 8.592, 109.354



37, 3.451, 74.259



42, 58.766, 61.151



5, 8.771, 61.223

Inverse Universe

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



72, 5.185, 256.609



91, 7.465, 256.816



70, 8.768, 291.055



37, 3.378, 256.704



34, 49.296, 283.442



4, 10.215, 267.374

Previews

White Background



This preview shows how the CIELCh color 73, 5.285, 74.319 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, 5.285, 74.319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

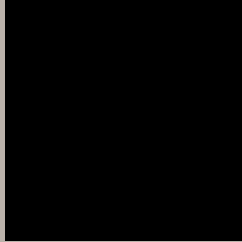
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

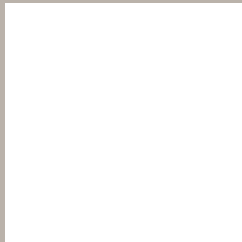
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 5.285, 74.319

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.285, 74.319.

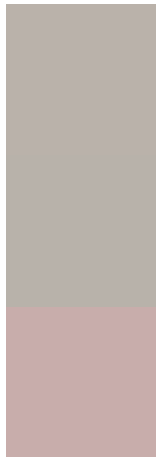


This preview shows how white text looks on a background with the CIELCh color 73, 5.285, 74.319.

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, 5.285, 74.319

Protanopia

73, 4.882, 81.730

Deuteranopia

73, 10.502, 26.125



Tritanopia
73, 9.240, 324.817

Trichromacy



Original Color
73, 5.285, 74.319

Protanomaly
73, 5.073, 77.879

Deuteranomaly
73, 8.002, 35.597

Tritanomaly
73, 5.572, 344.103

Monochromacy



Original Color
73, 5.285, 74.319

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.963, 74.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 5.285, 74.319 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(186, 178, 170)` looks like.

```
.text, #text, p{  
    color:rgb(186, 178, 170)  
}
```

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(186, 178, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 178, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.285, 74.319 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(186, 178, 170) }
```

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

```
.border{ border-color:rgb(186, 178, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 178, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 178, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 178, 170);  
box-shadow:4px 4px 4px 4px rgb(186, 178,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.285, 74.319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 178, 170) }
```

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

```
.background{ background-color: rgb(186,  
178, 170) }
```

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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