

Converting Colors

CIELCh(71, 5.285, 95.691)

Have a look what the booklet for
CIELCh(71, 5.285, 95.691) contains.

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Color

CIELCh(71, 5.547, 97.626)

Conversions

Conversions Part 1

Format	Color
Hex	B1AEA4
RGB	177, 174, 164
RGB Percent	69%, 68%, 64%
CMY	0.3067, 0.3184, 0.3577
CMYK	0.00, 0.02, 0.07, 0.31
HSL	46°, 8%, 67%
HSV	46°, 7%, 69%
XYZ	39.8623, 42.1875, 41.0669
YIQ	173.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

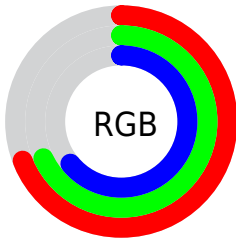
Format	Color
RYB	168, 177, 164
Decimal	11644580
CIELab	71.00, -0.74, 5.50
CIELCh	71, 5.547, 97.626
Yxy	42.1875, 0.3238, 0.3427
Android (android.graphics.Color)	4289834660 (0xFFB1AEA4)
YUV	173.7570, -4.8102, 2.8441
Hunter-Lab	64.9519, -4.1168, 7.9792

Details

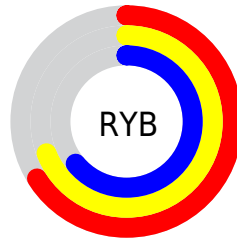
The CIELCh color $71, 5.547, 97.626$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 5.594, 279.410$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 5.350, 93.979$, and $51, 5.852, 101.298$ is the 20% darker color. If you saturate the color by 10%, you get $70, 13.174, 96.485$, and if you desaturate by 10%, it is $73, 1.999, 278.886$.

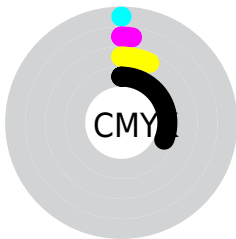
Distribution



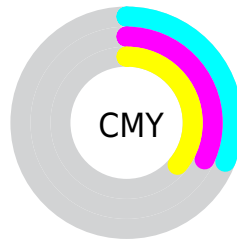
- Red (69%)
- Green (68%)
- Blue (64%)



- Red (66%)
- Yellow (69%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (31%)



- Cyan (31%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.547, 97.626 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 71, 5.547, 97.626 by changing the saturation by 10% instead.

■ 71, 5.547, 97.626

■ 71, 5.547, 97.626

■ 100, 5.547, 97.626

■ 61, 5.547, 97.626

■ 91, 5.547, 97.626

■ 51, 5.547, 97.626

■ 41, 5.547, 97.626

■ 31, 5.547, 97.626

■ 21, 5.547, 97.626

■ 11, 5.547, 97.626

■ 1, 5.547, 97.626

■ 0, 5.547, 97.626

■ 71, 5.547, 97.626

■ 71, 5.547, 97.626

70, 13.174, 96.485

73, 1.999, 278.886

68, 20.855, 95.280

74, 9.459, 279.913

67, 28.545, 94.043

76, 16.826,
280.948

65, 36.160, 92.779

77, 24.103,
281.940

64, 43.546, 91.492

63, 50.445, 90.173

79, 31.291,
282.883

61, 56.441, 88.802

80, 30.724,
280.219

60, 60.956, 87.328

59, 63.544, 85.682

81, 28.808,
276.484

82, 27.029,
272.270

83, 25.412,
267.525

Harmonies

Complementary

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



71, 5.547, 97.626



68, 5.594, 279.410

Rectangle

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



71, 5.547, 97.626



71, 5.547, 147.626



71, 5.547, 277.626



71, 5.547, 327.626

Sweetspot

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



71, 5.548, 97.643



91, 1.853, 98.175



68, 5.249, 1.336



48, 1.052, 98.182



96, 0.011, 296.813



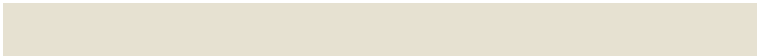
48, 0.006, 296.813

Same Dimension

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



71, 5.548, 97.643



89, 8.409, 97.440



72, 7.188, 120.113



37, 4.314, 97.420



51, 57.709, 85.477



6, 9.473, 92.133

Inverse Universe

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



68, 5.594, 279.410



86, 8.485, 279.633



68, 7.302, 300.989



35, 4.353, 279.655



22, 76.137, 300.942



2, 11.045, 281.695

Previews

White Background



This preview shows how the CIELCh color 71, 5.547, 97.626 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 71, 5.547, 97.626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

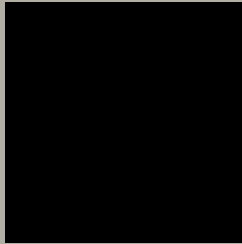
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

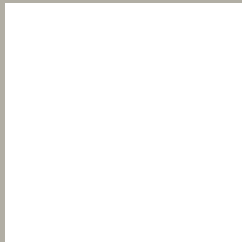
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 5.547, 97.626

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.547, 97.626.

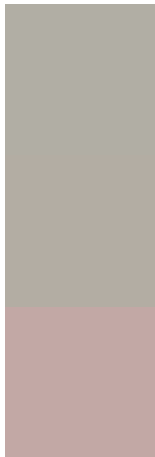


This preview shows how white text looks on a background with the CIELCh color 71, 5.547, 97.626.

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


71, 5.547, 97.626

Protanopia

71, 5.898, 86.496

Deuteranopia

71, 10.267, 29.323



Tritanopia
71, 7.882, 315.759

Trichromacy



Original Color
71, 5.547, 97.626

Protanomaly
71, 5.759, 90.058

Deuteranomaly
71, 7.489, 41.131

Tritanomaly
71, 3.810, 333.892

Monochromacy



Original Color
71, 5.547, 97.626

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.199, 100.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 5.547, 97.626 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(177, 174, 164)` looks like.

```
.text, #text, p{  
    color:rgb(177, 174, 164)  
}
```

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(177, 174, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 174, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.547, 97.626 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(177, 174, 164) }
```

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

```
.border{ border-color:rgb(177, 174, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 174, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 174, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 174, 164);  
box-shadow:4px 4px 4px 4px rgb(177, 174,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.547, 97.626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 174, 164) }
```

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

```
.background{ background-color: rgb(177,  
174, 164) }
```

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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