

Converting Colors

CIELCh(71, 25.192, 98.327)

Have a look what the booklet for
CIELCh(71, 25.192, 98.327) contains.

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Color

CIELCh(71, 25.209, 98.206)

Conversions

Conversions Part 1

Format	Color
Hex	B8AE80
RGB	184, 174, 128
RGB Percent	72%, 68%, 50%
CMY	0.2772, 0.3164, 0.4969
CMYK	0.00, 0.05, 0.30, 0.28
HSL	49°, 28%, 61%
HSV	49°, 30%, 72%
XYZ	38.9548, 42.1875, 26.6141
YIQ	171.7460, 20.7260, -12.1860

Conversions

Conversions Part 2

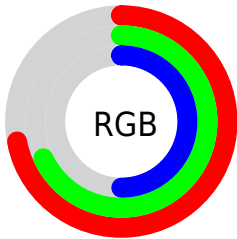
Format	Color
RYB	140, 184, 128
Decimal	12103296
CIELab	71.00, -3.60, 24.95
CIELCh	71, 25.209, 98.206
Yxy	42.1875, 0.3615, 0.3915
Android (android.graphics.Color)	4290293376 (0xFFB8AE80)
YUV	171.7460, -21.5668, 10.7468
Hunter-Lab	64.9519, -6.6108, 21.1722

Details

The CIELCh color **71, 25.209, 98.206** is a light color, and the websafe version is hex **999966**. A complement of this color would be **58, 26.249, 285.857**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 25.137, 97.490**, and **51, 25.492, 98.702** is the 20% darker color. If you saturate the color by 10%, you get **70, 33.455, 97.031**, and if you desaturate by 10%, it is **72, 16.897, 99.371**.

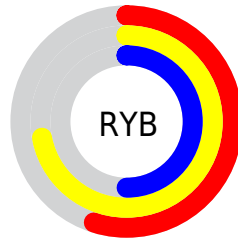
Distribution



Red (72%)

Green (68%)

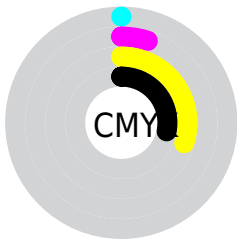
Blue (50%)



Red (55%)

Yellow (72%)

Blue (50%)

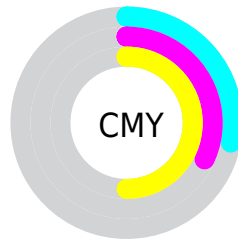


Cyan (0%)

Magenta (5%)

Yellow (30%)

Black (28%)



Cyan (28%)

Magenta (32%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 25.209, 98.206 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, 25.209, 98.206 by changing the saturation by 10% instead.

■ 71, 25.209, 98.206

■ 71, 25.209, 98.206

■ 100, 25.209,
98.206

■ 61, 25.209, 98.206

■ 91, 25.209, 98.206

■ 51, 25.209, 98.206

■ 41, 25.209, 98.206

■ 31, 25.209, 98.206

■ 21, 25.209, 98.206

■ 11, 25.209, 98.206

■ 1, 25.209, 98.206

■ 0, 25.209, 98.206

■ 71, 25.209, 98.206

■ 71, 25.209, 98.206

70, 33.455, 97.031

72, 16.897, 99.371

69, 41.509, 95.839

74, 8.585, 100.500

68, 49.163, 94.644

75, 0.315, 101.184

67, 56.084, 93.446

76, 7.892, 282.700

66, 61.777, 92.235

78, 16.025,
283.712

65, 65.647, 90.982

79, 24.080,
284.684

64, 67.644, 89.714

80, 30.839,
285.175

81, 29.165,
282.464

82, 27.563,
279.449

Harmonies

Complementary

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



71, 25.209, 98.206



58, 26.249, 285.857

Rectangle

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



71, 25.209, 98.206



71, 25.209, 148.206



71, 25.209, 278.206



71, 25.209, 328.206

Sweetspot

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



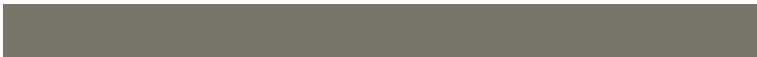
71, 25.210, 98.211



93, 9.199, 100.636



60, 23.356, 7.868



49, 6.392, 100.477



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 25.210, 98.211



89, 36.947, 97.480



72, 30.811, 120.723



38, 4.663, 100.616



54, 59.743, 89.908



8, 11.712, 96.395

Inverse Universe

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



58, 26.249, 285.857



70, 38.886, 286.983



57, 32.688, 304.411



36, 4.723, 282.763



21, 81.827, 302.780



2, 13.393, 284.400

Previews

White Background



This preview shows how the CIELCh color 71, 25.209, 98.206 looks on a white background.

Color Contrast Check

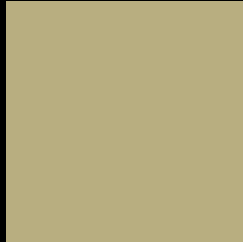
Large Text (above 18pt) WCAG AA × Fail

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, 25.209, 98.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

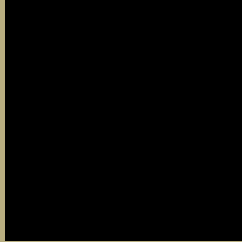
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 25.209, 98.206

Background



This preview shows how black text looks on a background with the CIELCh color 71, 25.209, 98.206.



This preview shows how white text looks on a background with the CIELCh color 71, 25.209, 98.206.

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, 25.209, 98.206

Protanopia

71, 25.455, 95.426

Deuteranopia

71, 25.929, 70.184



Tritanopia
71, 11.844, 340.360

Trichromacy



Original Color
71, 25.209, 98.206

Protanomaly
71, 25.366, 96.347

Deuteranomaly
71, 25.080, 81.165

Tritanomaly
71, 8.608, 50.163

Monochromacy



Original Color
71, 25.209, 98.206

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 9.316, 102.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 25.209, 98.206 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(184, 174, 128)` looks like.

```
.text, #text, p{  
    color:rgb(184, 174, 128)  
}
```

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(184, 174, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 174, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 25.209, 98.206 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(184, 174, 128) }
```

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

```
.border{ border-color:rgb(184, 174, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 174, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 174, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 174, 128);  
box-shadow:4px 4px 4px 4px rgb(184, 174,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 25.209, 98.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 174, 128) }
```

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

```
.background{ background-color: rgb(184,  
174, 128) }
```

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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