

Converting Colors

CIELCh(72, 8.273, 98.553)

Have a look what the booklet for
CIELCh(72, 8.273, 98.553) contains.

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Color

CIELCh(72, 8.264, 98.559)

Conversions

Conversions Part 1

Format	Color
Hex	B5B1A2
RGB	181, 177, 162
RGB Percent	71%, 69%, 64%
CMY	0.2918, 0.3074, 0.3662
CMYK	0.00, 0.02, 0.11, 0.29
HSL	47°, 11%, 67%
HSV	47°, 11%, 71%
XYZ	41.0942, 43.6590, 40.2624
YIQ	176.4860, 7.1990, -3.8170

Conversions

Conversions Part 2

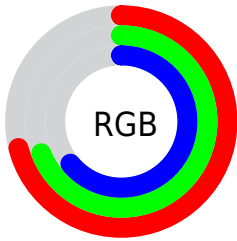
Format	Color
RYB	167, 181, 162
Decimal	11907490
CIELab	72.00, -1.23, 8.17
CIELCh	72, 8.264, 98.559
Yxy	43.6590, 0.3287, 0.3492
Android (android.graphics.Color)	4290097570 (0xFFB5B1A2)
YUV	176.4860, -7.1416, 3.9588
Hunter-Lab	66.0750, -4.6161, 10.1245

Details

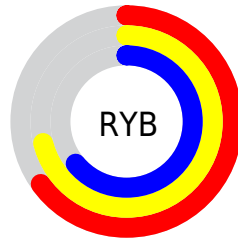
The CIELCh color **72, 8.264, 98.559** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 8.360, 281.056**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 8.353, 99.423**, and **52, 8.255, 97.455** is the 20% darker color. If you saturate the color by 10%, you get **71, 16.196, 97.412**, and if you desaturate by 10%, it is **73, 0.395, 99.338**.

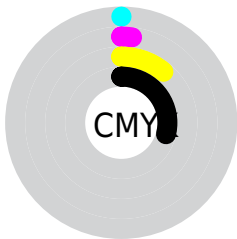
Distribution



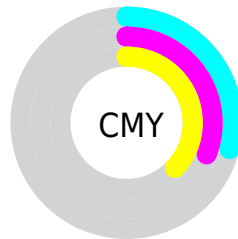
- Red (71%)
- Green (69%)
- Blue (64%)



- Red (65%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (11%)
- Black (29%)



- Cyan (29%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.264, 98.559 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 72, 8.264, 98.559 by changing the saturation by 10% instead.

 72, 8.264, 98.559

 72, 8.264, 98.559

 100, 8.264, 98.559

 62, 8.264, 98.559

 92, 8.264, 98.559

 52, 8.264, 98.559

 42, 8.264, 98.559

 32, 8.264, 98.559

 22, 8.264, 98.559

 12, 8.264, 98.559

 2, 8.264, 98.559

 0, 8.264, 98.559

 72, 8.264, 98.559

 72, 8.264, 98.559

71, 16.196, 97.412

73, 0.395, 99.338

69, 24.155, 96.216

75, 7.398, 280.830

68, 32.078, 94.994

76, 15.106,
281.864

67, 39.856, 93.753

78, 22.727,
282.857

65, 47.295, 92.493

64, 54.076, 91.211

80, 30.262,
283.804

63, 59.715, 89.884

81, 29.960,
281.367

62, 63.605, 88.461

61, 65.671, 87.002

82, 28.143,
277.883

83, 26.442,
273.962

84, 24.878,
269.555

Harmonies

Complementary

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



72, 8.264, 98.559



68, 8.360, 281.056

Rectangle

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



72, 8.264, 98.559



72, 8.264, 148.559



72, 8.264, 278.559



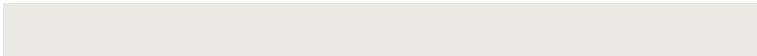
72, 8.264, 328.559

Sweetspot

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



72, 8.265, 98.571



92, 2.899, 99.374



68, 7.649, 2.917



49, 2.198, 99.297



96, 0.011, 296.813



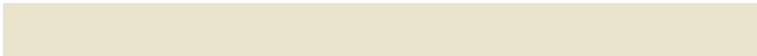
49, 0.007, 296.813

Same Dimension

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



72, 8.265, 98.571



91, 12.656, 98.262



73, 10.488, 120.569



37, 4.406, 98.706



52, 58.174, 87.238



6, 9.729, 94.045

Inverse Universe

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



68, 8.360, 281.056



85, 12.830, 281.411



67, 10.708, 301.811



35, 4.453, 280.904



21, 77.998, 301.693



2, 11.233, 282.572

Previews

White Background



This preview shows how the CIELCh color 72, 8.264, 98.559 looks on a white background.

Color Contrast Check

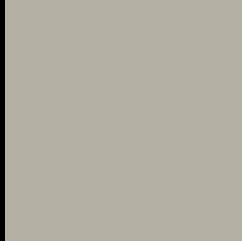
Large Text (above 18pt) WCAG AA × Fail

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 72, 8.264, 98.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

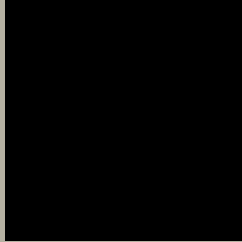
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

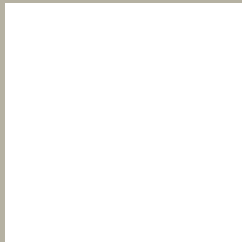
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 8.264, 98.559

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.264, 98.559.



This preview shows how white text looks on a background with the CIELCh color 72, 8.264, 98.559.

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


72, 8.264, 98.559

Protanopia

72, 8.565, 90.822

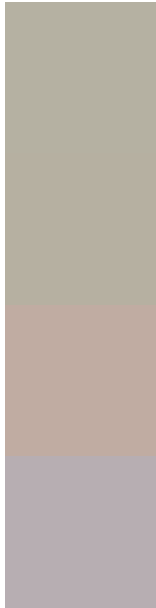
Deuteranopia

72, 11.653, 39.169



Tritanopia
72, 8.684, 318.683

Trichromacy



Original Color
72, 8.264, 98.559

Protanomaly
72, 8.450, 93.342

Deuteranomaly
72, 9.540, 54.445

Tritanomaly
72, 4.040, 347.077

Monochromacy



Original Color
72, 8.264, 98.559

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.805, 94.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 8.264, 98.559 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(181, 177, 162)` looks like.

```
.text, #text, p{  
    color:rgb(181, 177, 162)  
}
```

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(181, 177, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 177, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.264, 98.559 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(181, 177, 162) }
```

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

```
.border{ border-color:rgb(181, 177, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 177, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 177, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 177, 162);  
box-shadow:4px 4px 4px 4px rgb(181, 177,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.264, 98.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 177, 162) }
```

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

```
.background{ background-color: rgb(181,  
177, 162) }
```

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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