

Converting Colors

CIELCh(72, 13.369, 49.569)

Have a look what the booklet for
CIELCh(72, 13.369, 49.569) contains.

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Color

CIELCh(72, 13.560, 51.320)

Conversions

Conversions Part 1

Format	Color
Hex	C8AB9E
RGB	200, 171, 158
RGB Percent	78%, 67%, 62%
CMY	0.2173, 0.3309, 0.3819
CMYK	0.00, 0.15, 0.21, 0.22
HSL	19°, 27%, 70%
HSV	19°, 21%, 78%
XYZ	44.3406, 43.6590, 38.2655
YIQ	178.1890, 21.4570, 2.1050

Conversions

Conversions Part 2

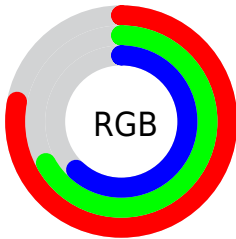
Format	Color
R _Y B	200, 177, 158
Decimal	13151134
CIE Lab	72.00, 8.47, 10.59
CIE LCh	72, 13.560, 51.320
Yxy	43.6590, 0.3512, 0.3458
Android (android.graphics.Color)	4291341214 (0xFFC8AB9E)
YUV	178.1890, -9.9532, 19.1282
Hunter-Lab	66.0750, 4.1538, 11.9163

Details

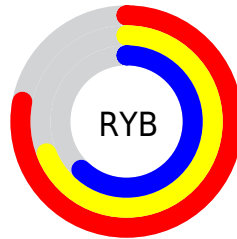
The CIELCh color **72, 13.560, 51.320** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 12.044, 234.710**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 12.745, 51.573**, and **52, 13.611, 50.828** is the 20% darker color. If you saturate the color by 10%, you get **68, 20.786, 50.784**, and if you desaturate by 10%, it is **76, 6.851, 51.926**.

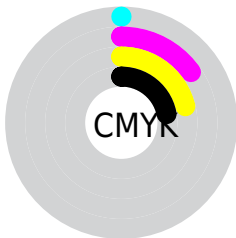
Distribution



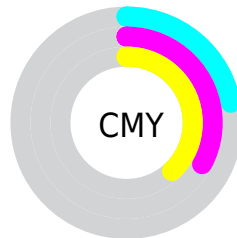
- Red (78%)
- Green (67%)
- Blue (62%)



- Red (78%)
- Yellow (69%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (22%)



- Cyan (22%)
- Magenta (33%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 13.560, 51.320 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, 13.560, 51.320 by changing the saturation by 10% instead.

 72, 13.560, 51.320

 72, 13.560, 51.320

 100, 13.560,
51.320

 62, 13.560, 51.320

 92, 13.560, 51.320

 52, 13.560, 51.320

 42, 13.560, 51.320

 32, 13.560, 51.320

 22, 13.560, 51.320

 12, 13.560, 51.320

 2, 13.560, 51.320

 0, 13.560, 51.320

 72, 13.560, 51.320

 72, 13.560, 51.320

68, 20.786, 50.784

76, 6.851, 51.926

64, 28.562, 50.324

80, 0.614, 51.870

61, 36.896, 49.971

84, 5.198, 233.497

57, 45.737, 49.728

88, 10.636,
234.185

54, 54.929, 49.556

92, 15.137,
230.789

51, 64.081, 49.325

48, 72.343, 48.702

96, 17.656,
201.194

47, 78.369, 47.718

96, 18.224,
198.300

Harmonies

Complementary

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



72, 13.560, 51.320



74, 12.044, 234.710

Rectangle

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



72, 13.560, 51.320



72, 13.560, 101.320



72, 13.560, 231.320



72, 13.560, 281.320

Sweetspot

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



72, 13.559, 51.331



97, 4.462, 52.197



70, 22.405, 335.750



51, 2.967, 52.165



0, 0.000, 0.000



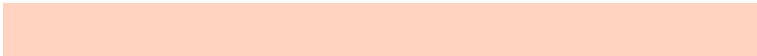
53, 0.007, 296.813

Same Dimension

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



72, 13.559, 51.331



88, 19.990, 51.085



77, 18.202, 97.981



40, 3.490, 52.023



38, 67.126, 48.219



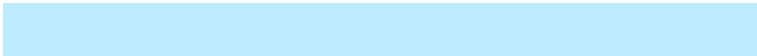
6, 13.512, 38.715

Inverse Universe

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



74, 12.044, 234.710



91, 17.274, 235.230



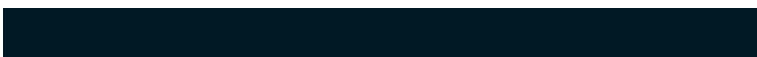
69, 18.628, 283.156



40, 3.323, 233.581



45, 35.450, 257.370



7, 11.450, 246.405

Previews

White Background



This preview shows how the CIELCh color 72, 13.560, 51.320 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, 13.560, 51.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

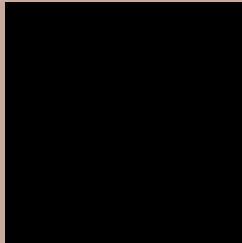
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 13.560, 51.320

Background



This preview shows how black text looks on a background with the CIELCh color 72, 13.560, 51.320.



This preview shows how white text looks on a background with the CIELCh color 72, 13.560, 51.320.

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, 13.560, 51.320

Protanopia

72, 9.207, 89.490

Deuteranopia

72, 13.994, 47.828



Tritanopia
72, 15.036, 352.853

Trichromacy



Original Color
72, 13.560, 51.320

Protanomaly
72, 10.292, 71.670

Deuteranomaly
72, 13.634, 48.598

Tritanomaly
72, 12.911, 10.903

Monochromacy



Original Color
72, 13.560, 51.320

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 4.718, 46.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 13.560, 51.320 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(200, 171, 158)` looks like.

```
.text, #text, p{  
    color:rgb(200, 171, 158)  
}
```

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(200, 171, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 171, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 13.560, 51.320 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(200, 171, 158) }
```

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

```
.border{ border-color:rgb(200, 171, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 171, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 171, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 171, 158);  
box-shadow:4px 4px 4px 4px rgb(200, 171,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 13.560, 51.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 171, 158) }
```

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

```
.background{ background-color: rgb(200,  
171, 158) }
```

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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