

Converting Colors

CIELCh(72, 21.301, 100.691)

Have a look what the booklet for
CIELCh(72, 21.301, 100.691)
contains.

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Color

CIELCh(72, 21.245, 100.378)

Conversions

Conversions Part 1

Format	Color
Hex	B8B18A
RGB	184, 177, 138
RGB Percent	72%, 69%, 54%
CMY	0.2771, 0.3045, 0.4575
CMYK	0.00, 0.04, 0.25, 0.28
HSL	51°, 25%, 63%
HSV	51°, 25%, 72%
XYZ	40.2532, 43.6590, 30.4761
YIQ	174.6470, 16.6910, -10.6450

Conversions

Conversions Part 2

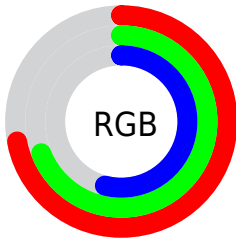
Format	Color
R _Y B	146, 184, 138
Decimal	12104074
CIE Lab	72.00, -3.83, 20.90
CIE LCh	72, 21.245, 100.378
Yxy	43.6590, 0.3519, 0.3817
Android (android.graphics.Color)	4290294154 (0xFFB8B18A)
YUV	174.6470, -18.0670, 8.2026
Hunter-Lab	66.0750, -6.8882, 18.9059

Details

The CIELCh color **72, 21.245, 100.378** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 22.044, 286.365**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 21.221, 101.256**, and **52, 21.327, 101.496** is the 20% darker color. If you saturate the color by 10%, you get **71, 29.722, 99.247**, and if you desaturate by 10%, it is **73, 12.722, 101.500**.

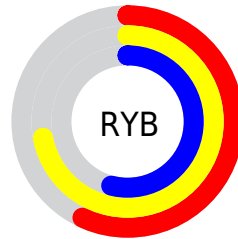
Distribution



Red (72%)

Green (69%)

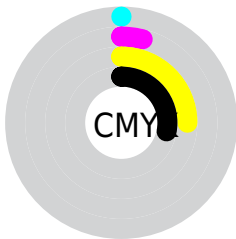
Blue (54%)



Red (57%)

Yellow (72%)

Blue (54%)

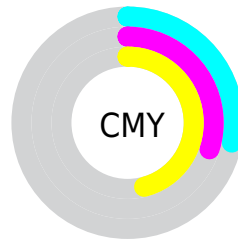


Cyan (0%)

Magenta (4%)

Yellow (25%)

Black (28%)



Cyan (28%)


Magenta (30%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 21.245, 100.378 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, 21.245, 100.378 by changing the saturation by 10% instead.


 72, 21.245,
100.378


 72, 21.245,
100.378


 100, 21.245,
100.378


 62, 21.245,
100.378


 92, 21.245,
100.378

 52, 21.245,
100.378

 42, 21.245,
100.378

 32, 21.245,
100.378

 22, 21.245,
100.378

 12, 21.245,
100.378

 2, 21.245, 100.378

0, 21.245, 100.378

72, 21.245,
100.378

72, 21.245,
100.378

71, 29.722, 99.247

73, 12.722,
101.500

70, 38.049, 98.101

74, 4.204, 102.573

69, 46.064, 96.957

76, 4.273, 283.691

68, 53.497, 95.824

77, 12.691,
284.692

67, 59.937, 94.709

66, 64.835, 93.603

78, 21.041,
285.666

65, 67.661, 92.479

79, 29.318,
286.597

65, 68.601, 91.909

80, 31.030,

285.481

■ 81, 29.592,
283.217

■ 82, 28.205,
280.738

Harmonies

Complementary

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



72, 21.245, 100.378



61, 22.044, 286.365

Rectangle

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



72, 21.245, 100.378



72, 21.245, 150.378



72, 21.245, 280.378



72, 21.245, 330.378

Sweetspot

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



72, 21.246, 100.383



94, 7.349, 102.349



62, 18.884, 8.392



50, 4.774, 102.287



97, 0.011, 296.813



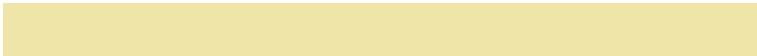
50, 0.007, 296.813

Same Dimension

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



72, 21.246, 100.383



90, 31.595, 99.756



73, 25.453, 121.687



38, 4.794, 102.113



56, 60.576, 92.069



8, 12.175, 98.767

Inverse Universe

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



61, 22.044, 286.365



74, 33.103, 287.267



60, 26.661, 304.576



36, 4.863, 284.211



20, 83.943, 303.537



2, 13.677, 285.379

Previews

White Background



This preview shows how the CIELCh color 72, 21.245, 100.378 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, 21.245, 100.378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

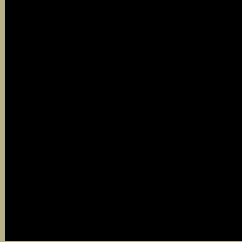
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

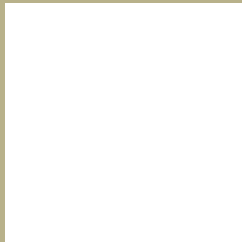
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 21.245, 100.378

Background



This preview shows how black text looks on a background with the CIELCh color 72, 21.245, 100.378.



This preview shows how white text looks on a background with the CIELCh color 72, 21.245, 100.378.

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, 21.245, 100.378

Protanopia

72, 21.122, 94.718

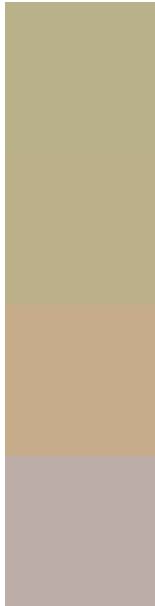
Deuteranopia

72, 22.131, 65.000



Tritanopia
72, 10.440, 333.462

Trichromacy



Original Color
72, 21.245, 100.378

Protanomaly
72, 21.028, 95.806

Deuteranomaly
72, 20.946, 77.704

Tritanomaly
72, 6.378, 44.896

Monochromacy



Original Color
72, 21.245, 100.378

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 7.628, 103.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 21.245, 100.378 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, 177, 138)` looks like.

```
.text, #text, p{  
    color:rgb(184, 177, 138)  
}
```

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, 177, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 177, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 21.245, 100.378 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, 177, 138) }
```

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

```
.border{ border-color:rgb(184, 177, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 177, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 177, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 177, 138);  
box-shadow:4px 4px 4px 4px rgb(184, 177,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 21.245, 100.378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 177, 138) }
```

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

```
.background{ background-color: rgb(184,  
177, 138) }
```

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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