

Converting Colors

CIELCh(72, 21.158, 94.329)

Have a look what the booklet for
CIELCh(72, 21.158, 94.329) contains.

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Color

CIELCh(72, 21.122, 94.718)

Conversions

Conversions Part 1

Format	Color
Hex	BCB08A
RGB	188, 176, 138
RGB Percent	74%, 69%, 54%
CMY	0.2621, 0.3092, 0.4583
CMYK	0.00, 0.06, 0.27, 0.26
HSL	46°, 27%, 64%
HSV	46°, 27%, 74%
XYZ	40.9290, 43.6590, 30.3693
YIQ	175.2560, 19.3500, -9.2740

Conversions

Conversions Part 2

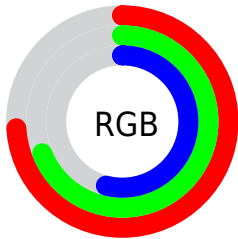
Format	Color
RYB	154, 188, 138
Decimal	12365962
CIELab	72.00, -1.74, 21.05
CIELCh	72, 21.122, 94.718
Yxy	43.6590, 0.3560, 0.3798
Android (android.graphics.Color)	4290556042 (0xFFBCB08A)
YUV	175.2560, -18.3672, 11.1765
Hunter-Lab	66.0750, -5.0624, 19.0017

Details

The CIELCh color **72, 21.122, 94.718** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 21.564, 281.624**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 21.151, 94.924**, and **52, 21.164, 95.392** is the 20% darker color. If you saturate the color by 10%, you get **70, 29.158, 93.472**, and if you desaturate by 10%, it is **74, 13.112, 95.941**.

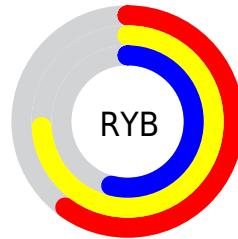
Distribution



Red (74%)

Green (69%)

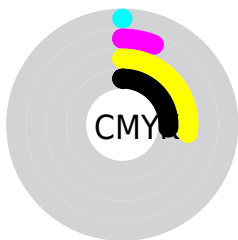
Blue (54%)



Red (60%)

Yellow (74%)

Blue (54%)

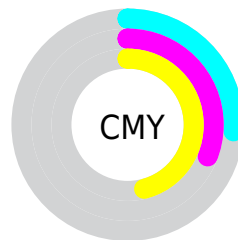


Cyan (0%)

Magenta (6%)

Yellow (27%)

Black (26%)



Cyan (26%)

Magenta (31%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 21.122, 94.718 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, 21.122, 94.718 by changing the saturation by 10% instead.

■ 72, 21.122, 94.718

■ 72, 21.122, 94.718

■ 100, 21.122,
94.718

■ 62, 21.122, 94.718

■ 92, 21.122, 94.718

■ 52, 21.122, 94.718

■ 42, 21.122, 94.718

■ 32, 21.122, 94.718

■ 22, 21.122, 94.718

■ 12, 21.122, 94.718

■ 2, 21.122, 94.718

■ 0, 21.122, 94.718

■ 72, 21.122, 94.718

■ 72, 21.122, 94.718

70, 29.158, 93.472

74, 13.112, 95.941

69, 37.133, 92.191

75, 5.168, 97.107

68, 44.894, 90.883

77, 2.686, 278.349

66, 52.178, 89.540

79, 10.441,
279.400

65, 58.554, 88.137

80, 18.095,
280.443

64, 63.414, 86.621

62, 66.183, 84.903

82, 25.651,
281.441

62, 66.921, 84.301

83, 25.533,
278.084

85, 23.543,
272.900

86, 21.777,
266.865

Harmonies

Complementary

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



72, 21.122, 94.718



62, 21.564, 281.624

Rectangle

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



72, 21.122, 94.718



72, 21.122, 144.718



72, 21.122, 274.718



72, 21.122, 324.718

Sweetspot

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



72, 21.123, 94.724



95, 7.793, 96.932



63, 20.958, 2.371



50, 5.542, 96.759



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 21.123, 94.724



90, 31.560, 93.983



74, 27.155, 118.252



39, 4.473, 96.792



53, 58.901, 84.583



8, 12.286, 89.736

Inverse Universe

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



62, 21.564, 281.624



76, 32.411, 282.685



60, 28.698, 301.840



37, 4.510, 279.061



23, 77.276, 300.652



2, 14.509, 282.763

Previews

White Background



This preview shows how the CIELCh color 72, 21.122, 94.718 looks on a white background.

Color Contrast Check

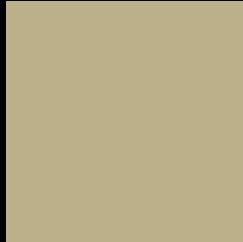
Large Text (above 18pt) WCAG AA × Fail

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, 21.122, 94.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

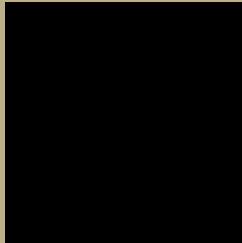
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 21.122, 94.718

Background



This preview shows how black text looks on a background with the CIELCh color 72, 21.122, 94.718.



This preview shows how white text looks on a background with the CIELCh color 72, 21.122, 94.718.

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, 21.122, 94.718

Protanopia

72, 21.122, 94.718

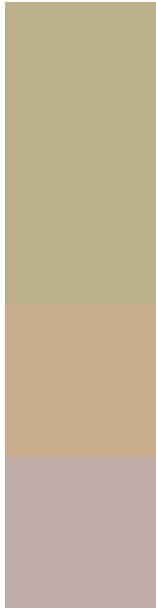
Deuteranopia

72, 22.131, 65.000



Tritanopia
72, 11.475, 342.439

Trichromacy



Original Color
72, 21.122, 94.718

Protanomaly
72, 21.122, 94.718

Deuteranomaly
72, 21.400, 75.809

Tritanomaly
72, 8.211, 39.191

Monochromacy



Original Color
72, 21.122, 94.718

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 7.307, 94.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 21.122, 94.718 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(188, 176, 138)` looks like.

```
.text, #text, p{  
    color:rgb(188, 176, 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(188, 176, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 176, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 21.122, 94.718 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(188, 176, 138) }
```

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

```
.border{ border-color:rgb(188, 176, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 176, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 176, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 176, 138);  
box-shadow:4px 4px 4px 4px rgb(188, 176,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 21.122, 94.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 176, 138) }
```

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

```
.background{ background-color: rgb(188,  
176, 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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