

Converting Colors

CIELCh(72, 12.500, 95.531)

Have a look what the booklet for
CIELCh(72, 12.500, 95.531) contains.

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Color

CIELCh(72, 12.326, 94.135)

Conversions

Conversions Part 1

Format	Color
Hex	B8B09A
RGB	184, 176, 154
RGB Percent	72%, 69%, 60%
CMY	0.2778, 0.3092, 0.3955
CMYK	0.00, 0.04, 0.16, 0.28
HSL	44°, 17%, 66%
HSV	44°, 16%, 72%
XYZ	41.2056, 43.6590, 36.8927
YIQ	175.8840, 11.8300, -5.1460

Conversions

Conversions Part 2

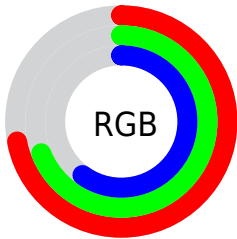
Format	Color
R_{YB}	165, 184, 154
Decimal	12103834
CIE _{Lab}	72.00, -0.89, 12.29
CIE _{LCh}	72, 12.326, 94.135
Yxy	43.6590, 0.3384, 0.3586
Android (android.graphics.Color)	4290293914 (0xFFB8B09A)
YUV	175.8840, -10.7888, 7.1177
Hunter-Lab	66.0750, -4.3153, 13.1481

Details

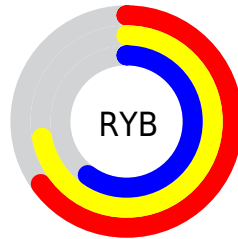
The CIELCh color $72, 12.326, 94.135$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 12.432, 278.251$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 12.697, 95.624$, and $52, 12.482, 94.753$ is the 20% darker color. If you saturate the color by 10%, you get $70, 20.020, 92.904$, and if you desaturate by 10%, it is $74, 4.723, 95.327$.

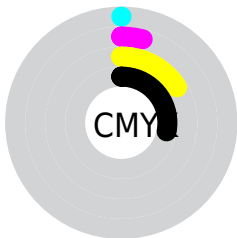
Distribution



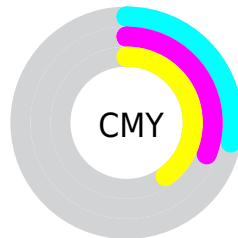
- Red (72%)
- Green (69%)
- Blue (60%)



- Red (65%)
- Yellow (72%)
- Blue (60%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (28%)



- Cyan (28%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 12.326, 94.135 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, 12.326, 94.135 by changing the saturation by 10% instead.

■ 72, 12.326, 94.135

■ 72, 12.326, 94.135

■ 100, 12.326,
94.135

■ 62, 12.326, 94.135

■ 92, 12.326, 94.135

■ 52, 12.326, 94.135

■ 42, 12.326, 94.135

■ 32, 12.326, 94.135

■ 22, 12.326, 94.135

■ 12, 12.326, 94.135

■ 2, 12.326, 94.135

■ 0, 12.326, 94.135

■ 72, 12.326, 94.135

■ 72, 12.326, 94.135

70, 20.020, 92.904

74, 4.723, 95.327

69, 27.764, 91.625

76, 2.775, 276.596

67, 35.487, 90.313

77, 10.164,
277.664

66, 43.053, 88.966

79, 17.443,
278.723

64, 50.217, 87.574

63, 56.575, 86.102

81, 24.618,
279.737

61, 61.529, 84.484

83, 26.788,
277.682

60, 64.471, 82.614

59, 65.338, 81.901

84, 24.637,
272.245

85, 22.743,
265.891

86, 21.169,
258.550

Harmonies

Complementary

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



72, 12.326, 94.135



67, 12.432, 278.251

Rectangle

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



72, 12.326, 94.135



72, 12.326, 144.135



72, 12.326, 274.135



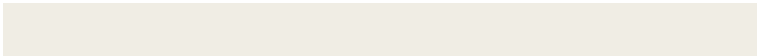
72, 12.326, 324.135

Sweetspot

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



72, 12.327, 94.144



94, 4.643, 95.460



67, 12.446, 359.892



50, 3.168, 95.384



97, 0.011, 296.813



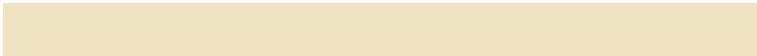
50, 0.007, 296.813

Same Dimension

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



72, 12.327, 94.144



90, 18.797, 93.648



74, 16.383, 118.238



38, 4.253, 94.977



51, 57.731, 82.217



7, 10.412, 87.667

Inverse Universe

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



67, 12.432, 278.251



82, 18.991, 278.865



65, 16.938, 300.407



36, 4.280, 277.287



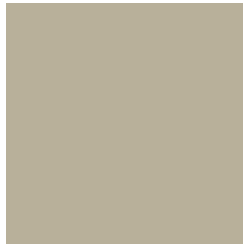
24, 73.629, 299.482



2, 12.474, 280.821

Previews

White Background



This preview shows how the CIELCh color 72, 12.326, 94.135 looks on a white background.

Color Contrast Check

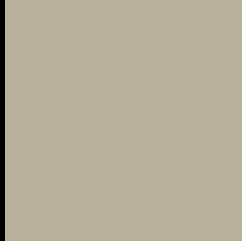
Large Text (above 18pt) WCAG AA × Fail

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, 12.326, 94.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

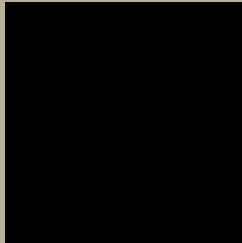
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

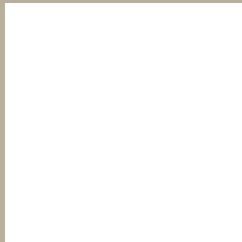
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 12.326, 94.135

Background



This preview shows how black text looks on a background with the CIELCh color 72, 12.326, 94.135.



This preview shows how white text looks on a background with the CIELCh color 72, 12.326, 94.135.

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, 12.326, 94.135

Protanopia

72, 12.434, 92.362

Deuteranopia

72, 14.906, 53.103



Tritanopia
72, 9.287, 330.582

Trichromacy



Original Color
72, 12.326, 94.135

Protanomaly
72, 12.434, 92.362

Deuteranomaly
72, 13.041, 64.653

Tritanomaly
72, 4.941, 19.726

Monochromacy



Original Color
72, 12.326, 94.135

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.477, 94.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 12.326, 94.135 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, 176, 154)` looks like.

```
.text, #text, p{  
    color:rgb(184, 176, 154)  
}
```

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, 176, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 176, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 12.326, 94.135 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, 176, 154) }
```

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

```
.border{ border-color:rgb(184, 176, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 176, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 176, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 176, 154);  
box-shadow:4px 4px 4px 4px rgb(184, 176,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 12.326, 94.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 176, 154) }
```

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

```
.background{ background-color: rgb(184,  
176, 154) }
```

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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