

Converting Colors

CIELCh(72, 10.009, 50.494)

Have a look what the booklet for
CIELCh(72, 10.009, 50.494) contains.

CIELCh(72, 9.912, 49.374)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(72, 9.912, 49.374)

Conversions

Conversions Part 1

Format	Color
Hex	C2ACA3
RGB	194, 172, 163
RGB Percent	76%, 67%, 64%
CMY	0.2389, 0.3252, 0.3605
CMYK	0.00, 0.11, 0.16, 0.24
HSL	17°, 20%, 70%
HSV	17°, 16%, 76%
XYZ	43.6510, 43.6590, 40.8109
YIQ	177.5520, 16.0010, 1.8650

Conversions

Conversions Part 2

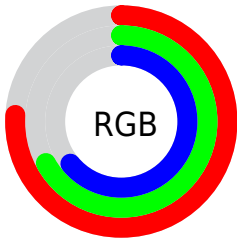
Format	Color
RYB	194, 176, 163
Decimal	12758179
CIELab	72.00, 6.45, 7.52
CIElCh	72, 9.912, 49.374
Yxy	43.6590, 0.3407, 0.3408
Android (android.graphics.Color)	4290948259 (0xFFC2ACA3)
YUV	177.5520, -7.1741, 14.4249
Hunter-Lab	66.0750, 2.2910, 9.6323

Details

The CIELCh color $72, 9.912, 49.374$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 9.050, 231.655$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 9.998, 47.444$, and $52, 9.966, 51.464$ is the 20% darker color. If you saturate the color by 10%, you get $68, 16.753, 48.907$, and if you desaturate by 10%, it is $76, 3.568, 49.870$.

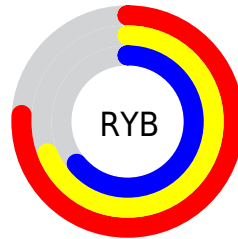
Distribution



Red (76%)

Green (67%)

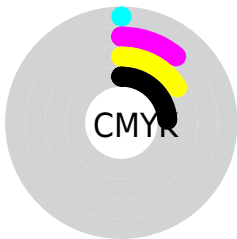
Blue (64%)



Red (76%)

Yellow (69%)

Blue (64%)

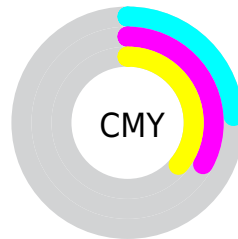


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 9.912, 49.374 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, 9.912, 49.374 by changing the saturation by 10% instead.

 72, 9.912, 49.374

 72, 9.912, 49.374

 100, 9.912, 49.374

 62, 9.912, 49.374

 92, 9.912, 49.374

 52, 9.912, 49.374


 42, 9.912, 49.374

 32, 9.912, 49.374

 22, 9.912, 49.374

 12, 9.912, 49.374

 2, 9.912, 49.374

 0, 9.912, 49.374

 72, 9.912, 49.374

 72, 9.912, 49.374

68, 16.753, 48.907

76, 3.568, 49.870

64, 24.132, 48.509

80, 2.326, 230.847

60, 32.071, 48.222

84, 7.818, 231.352

57, 40.553, 48.063

88, 12.956,
232.002

54, 49.490, 48.024

92, 16.694,
224.515

51, 58.640, 48.034

48, 67.439, 47.882

96, 19.789,
198.646

46, 74.770, 47.109

96, 19.891,
198.194

45, 77.480, 46.865

Harmonies

Complementary

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



72, 9.912, 49.374



74, 9.050, 231.655

Rectangle

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



72, 9.912, 49.374



72, 9.912, 99.374



72, 9.912, 229.374



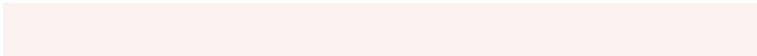
72, 9.912, 279.374

Sweetspot

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



72, 9.911, 49.388



97, 3.684, 49.899



70, 16.790, 334.686



52, 2.541, 49.877



0, 0.000, 0.000



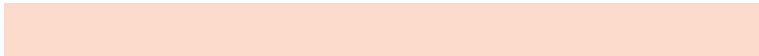
53, 0.007, 296.813

Same Dimension

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



72, 9.911, 49.388



90, 14.784, 49.221



76, 13.262, 97.531



39, 3.426, 49.721



37, 67.003, 47.325



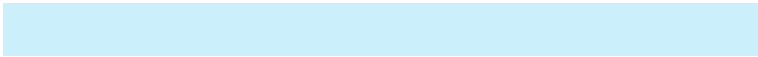
5, 11.927, 38.398

Inverse Universe

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



74, 9.050, 231.655



92, 13.219, 231.969



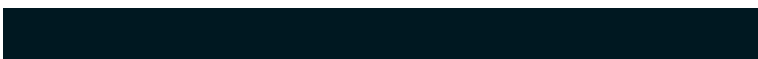
70, 13.467, 281.417



39, 3.256, 231.125



45, 34.001, 253.728



7, 10.515, 243.627

Previews

White Background



This preview shows how the CIELCh color 72, 9.912, 49.374 looks on a white background.

Color Contrast Check

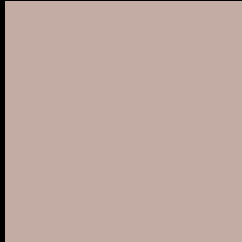
Large Text (above 18pt) WCAG AA × Fail

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, 9.912, 49.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

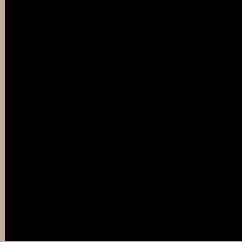
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 9.912, 49.374

Background



This preview shows how black text looks on a background with the CIELCh color 72, 9.912, 49.374.



This preview shows how white text looks on a background with the CIELCh color 72, 9.912, 49.374.

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, 9.912, 49.374

Protanopia

72, 6.384, 88.334

Deuteranopia

72, 12.034, 38.574



Tritanopia
72, 12.712, 346.841

Trichromacy



Original Color
72, 9.912, 49.374

Protanomaly
72, 7.323, 73.944

Deuteranomaly
72, 11.106, 43.040

Tritanomaly
72, 10.302, 5.058

Monochromacy



Original Color
72, 9.912, 49.374

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 3.433, 47.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 9.912, 49.374 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(194, 172, 163)` looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 163)  
}
```

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(194, 172, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 9.912, 49.374 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(194, 172, 163) }
```

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

```
.border{ border-color:rgb(194, 172, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 172, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 172, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 172, 163);  
box-shadow:4px 4px 4px 4px rgb(194, 172,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 9.912, 49.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 172, 163) }
```

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

```
.background{ background-color: rgb(194,  
172, 163) }
```

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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