

Converting Colors

CIELCh(72, 9.724, 94.425)

Have a look what the booklet for
CIELCh(72, 9.724, 94.425) contains.

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Color

CIELCh(72, 9.603, 92.711)

Conversions

Conversions Part 1

Format	Color
Hex	B7B09F
RGB	183, 176, 159
RGB Percent	72%, 69%, 62%
CMY	0.2821, 0.3095, 0.3762
CMYK	0.00, 0.04, 0.13, 0.28
HSL	43°, 14%, 67%
HSV	43°, 13%, 72%
XYZ	41.3477, 43.6590, 39.0791
YIQ	176.1550, 9.6290, -3.8030

Conversions

Conversions Part 2

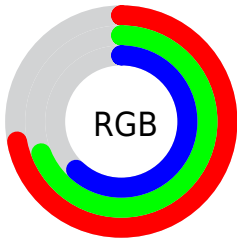
Format	Color
RYB	169, 183, 159
Decimal	12038303
CIELab	72.00, -0.45, 9.59
CIELCh	72, 9.603, 92.711
Yxy	43.6590, 0.3332, 0.3518
Android (android.graphics.Color)	4290228383 (0xFFB7B09F)
YUV	176.1550, -8.4574, 6.0031
Hunter-Lab	66.0750, -3.9314, 11.1863

Details

The CIELCh color $72, 9.603, 92.711$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 9.643, 276.046$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 9.607, 93.865$, and $52, 9.576, 93.687$ is the 20% darker color. If you saturate the color by 10%, you get $70, 17.069, 91.476$, and if you desaturate by 10%, it is $74, 2.254, 93.868$.

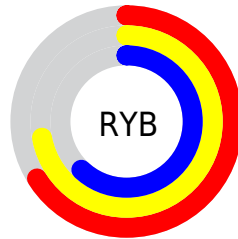
Distribution



Red (72%)

Green (69%)

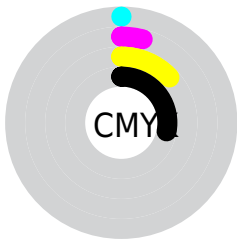
Blue (62%)



Red (66%)

Yellow (72%)

Blue (62%)

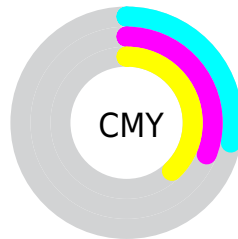


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (28%)



Cyan (28%)

Magenta (31%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 9.603, 92.711 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, 9.603, 92.711 by changing the saturation by 10% instead.

 72, 9.603, 92.711  72, 9.603, 92.711

 100, 9.603, 92.711  62, 9.603, 92.711

 92, 9.603, 92.711  52, 9.603, 92.711

 42, 9.603, 92.711

 32, 9.603, 92.711

 22, 9.603, 92.711

 12, 9.603, 92.711

 2, 9.603, 92.711

 0, 9.603, 92.711

 72, 9.603, 92.711  72, 9.603, 92.711

70, 17.069, 91.476

74, 2.254, 93.868

68, 24.623, 90.186

76, 4.975, 275.164

67, 32.216, 88.858

78, 12.082,
276.259

65, 39.742, 87.493

80, 19.073,
277.321

63, 47.012, 86.078

82, 25.953,
278.334

62, 53.690, 84.583

60, 59.243, 82.943

83, 25.760,
274.327

59, 62.987, 81.037

58, 64.685, 79.594

85, 23.600,
267.846

86, 21.791,
260.245

87, 20.417,
251.526

Harmonies

Complementary

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



72, 9.603, 92.711



68, 9.643, 276.046

Rectangle

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



72, 9.603, 92.711



72, 9.603, 142.711



72, 9.603, 272.711



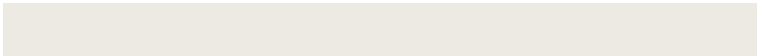
72, 9.603, 322.711

Sweetspot

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



72, 9.604, 92.722



93, 3.582, 93.775



68, 10.051, 357.181



50, 2.569, 93.695



97, 0.011, 296.813



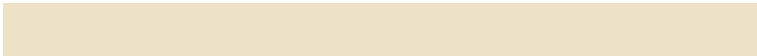
50, 0.007, 296.813

Same Dimension

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



72, 9.604, 92.722



90, 14.503, 92.335



73, 13.076, 117.114



38, 4.145, 93.177



50, 57.393, 79.932



7, 10.113, 84.985

Inverse Universe

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



68, 9.643, 276.046



84, 14.567, 276.504



67, 13.442, 298.943



36, 4.162, 275.530



25, 71.077, 298.315



2, 12.223, 279.709

Previews

White Background



This preview shows how the CIELCh color 72, 9.603, 92.711 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, 9.603, 92.711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

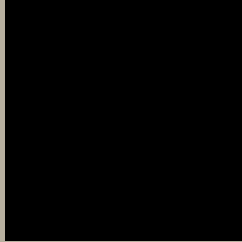
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

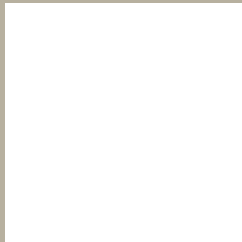
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 9.603, 92.711

Background



This preview shows how black text looks on a background with the CIELCh color 72, 9.603, 92.711.



This preview shows how white text looks on a background with the CIELCh color 72, 9.603, 92.711.

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, 9.603, 92.711

Protanopia

72, 9.721, 90.485

Deuteranopia

72, 12.724, 45.341



Tritanopia
72, 9.482, 326.706

Trichromacy



Original Color
72, 9.603, 92.711

Protanomaly
72, 9.721, 90.485

Deuteranomaly
72, 10.541, 57.896

Tritanomaly
72, 5.192, 1.489

Monochromacy



Original Color
72, 9.603, 92.711

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 3.436, 90.450

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 9.603, 92.711 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(183, 176, 159)` looks like.

```
.text, #text, p{  
    color:rgb(183, 176, 159)  
}
```

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(183, 176, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 176, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 9.603, 92.711 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(183, 176, 159) }
```

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

```
.border{ border-color:rgb(183, 176, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 176, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 176, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 176, 159);  
box-shadow:4px 4px 4px 4px rgb(183, 176,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 9.603, 92.711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 176, 159) }
```

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

```
.background{ background-color: rgb(183,  
176, 159) }
```

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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