

Converting Colors

CIELCh(72, 8.022, 35.598)

Have a look what the booklet for
CIELCh(72, 8.022, 35.598) contains.

CIELCh(72, 8.031, 35.599)	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, 8.031, 35.599)

Conversions

Conversions Part 1

Format	Color
Hex	C0ACA8
RGB	192, 172, 168
RGB Percent	75%, 67%, 66%
CMY	0.2462, 0.3246, 0.3403
CMYK	0.00, 0.10, 0.12, 0.25
HSL	10°, 16%, 71%
HSV	10°, 12%, 75%
XYZ	43.6769, 43.6590, 43.2771
YIQ	177.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

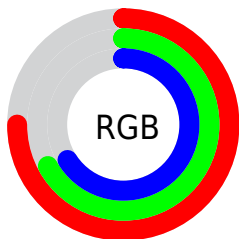
Format	Color
RYB	192, 173, 168
Decimal	12627112
CIELab	72.00, 6.53, 4.67
CIElCh	72, 8.031, 35.599
Yxy	43.6590, 0.3344, 0.3343
Android (android.graphics.Color)	4290817192 (0xFFC0ACA8)
YUV	177.5240, -4.6953, 12.6955
Hunter-Lab	66.0750, 2.3609, 7.4193

Details

The CIELCh color $72, 8.031, 35.599$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 7.410, 215.953$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 8.295, 34.226$, and $52, 7.844, 37.226$ is the 20% darker color. If you saturate the color by 10%, you get $67, 15.073, 35.758$, and if you desaturate by 10%, it is $77, 1.535, 35.341$.

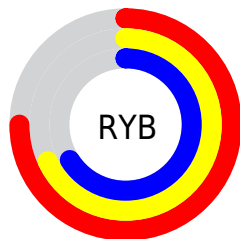
Distribution



Red (75%)

Green (67%)

Blue (66%)



Red (75%)

Yellow (68%)

Blue (66%)

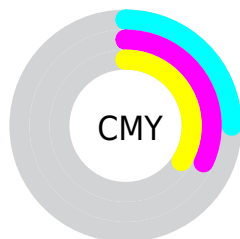


Cyan (0%)

Magenta (10%)

Yellow (12%)

Black (25%)



Cyan (25%)

Magenta (32%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.031, 35.599 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, 8.031, 35.599 by changing the saturation by 10% instead.

 72, 8.031, 35.599

 72, 8.031, 35.599

 100, 8.031, 35.599

 62, 8.031, 35.599

 92, 8.031, 35.599

 52, 8.031, 35.599

 42, 8.031, 35.599

 32, 8.031, 35.599

 22, 8.031, 35.599

 12, 8.031, 35.599

 2, 8.031, 35.599

 0, 8.031, 35.599

 72, 8.031, 35.599

 72, 8.031, 35.599

67, 15.073, 35.758

77, 1.535, 35.341

63, 22.703, 36.039

81, 4.461, 215.905

59, 30.936, 36.513

86, 10.010,
216.002

55, 39.746, 37.229

91, 15.164,
216.196

51, 49.046, 38.221

48, 58.630, 39.477

95, 19.565,
202.308

45, 68.053, 40.857

96, 20.443,
198.160

43, 76.333, 41.920

42, 81.354, 42.508

Harmonies

Complementary

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



72, 8.031, 35.599



75, 7.410, 215.953

Rectangle

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



72, 8.031, 35.599



72, 8.031, 85.599



72, 8.031, 215.599



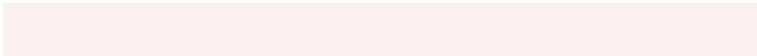
72, 8.031, 265.599

Sweetspot

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



72, 8.030, 35.614



96, 3.074, 35.469



72, 14.116, 330.124



51, 2.191, 35.500



99, 0.012, 296.813



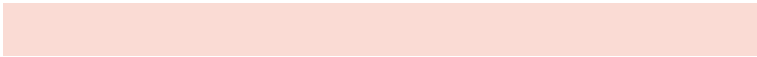
52, 0.007, 296.813

Same Dimension

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



72, 8.030, 35.614



90, 12.073, 35.645



75, 9.129, 89.554



38, 3.623, 35.582



35, 70.854, 42.723



4, 12.634, 29.568

Inverse Universe

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



75, 7.410, 215.953



94, 10.930, 216.006



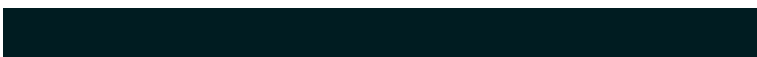
72, 9.114, 272.808



40, 3.415, 215.913



51, 30.820, 227.930



8, 10.560, 221.153

Previews

White Background



This preview shows how the CIELCh color 72, 8.031, 35.599 looks on a white background.

Color Contrast Check

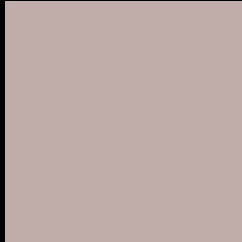
Large Text (above 18pt) WCAG AA × Fail

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, 8.031, 35.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

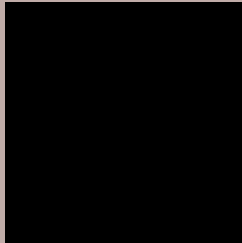
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 8.031, 35.599

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.031, 35.599.



This preview shows how white text looks on a background with the CIELCh color 72, 8.031, 35.599.

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, 8.031, 35.599

Protanopia

72, 3.754, 79.345

Deuteranopia

72, 10.133, 26.329



Tritanopia
72, 11.475, 342.439

Trichromacy



Original Color
72, 8.031, 35.599

Protanomaly
72, 5.014, 59.959

Deuteranomaly
72, 9.347, 26.779

Tritanomaly
72, 9.175, 355.748

Monochromacy



Original Color
72, 8.031, 35.599

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 2.852, 41.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 8.031, 35.599 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(192, 172, 168)` looks like.

```
.text, #text, p{  
    color:rgb(192, 172, 168)  
}
```

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(192, 172, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 172, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.031, 35.599 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(192, 172, 168) }
```

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

```
.border{ border-color:rgb(192, 172, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 172, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 172, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 172, 168);  
box-shadow:4px 4px 4px 4px rgb(192, 172,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.031, 35.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 172, 168) }
```

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

```
.background{ background-color: rgb(192,  
172, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor