

Converting Colors

CIELCh(72, 11.867, 41.834)

Have a look what the booklet for
CIELCh(72, 11.867, 41.834) contains.

CIELCh(72, 12.087, 43.895)	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, 12.087, 43.895)

Conversions

Conversions Part 1

Format	Color
Hex	C7ABA2
RGB	199, 171, 162
RGB Percent	78%, 67%, 64%
CMY	0.2212, 0.3309, 0.3662
CMYK	0.00, 0.14, 0.19, 0.22
HSL	15°, 25%, 71%
HSV	15°, 19%, 78%
XYZ	44.4214, 43.6590, 40.0873
YIQ	178.3460, 19.5770, 3.1370

Conversions

Conversions Part 2

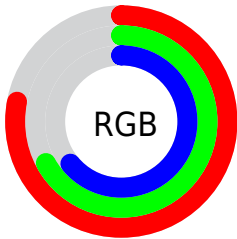
Format	Color
R _Y B	199, 174, 162
Decimal	13085602
CIE Lab	72.00, 8.71, 8.38
CIE LCh	72, 12.087, 43.895
Yxy	43.6590, 0.3466, 0.3406
Android (android.graphics.Color)	4291275682 (0xFFC7ABA2)
YUV	178.3460, -8.0586, 18.1136
Hunter-Lab	66.0750, 4.3721, 10.2816

Details

The CIELCh color $72, 12.087, 43.895$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $75, 10.761, 225.722$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 11.715, 43.263$, and $52, 12.297, 45.303$ is the 20% darker color. If you saturate the color by 10%, you get $68, 19.349, 43.700$, and if you desaturate by 10%, it is $76, 5.376, 44.176$.

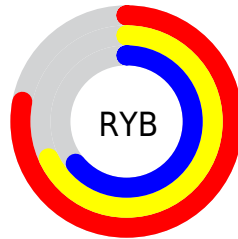
Distribution



Red (78%)

Green (67%)

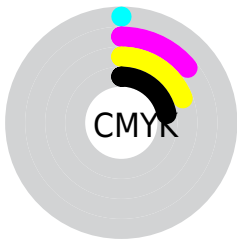
Blue (64%)



Red (78%)

Yellow (68%)

Blue (64%)

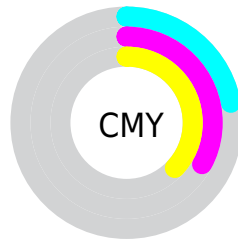


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (22%)



Cyan (22%)

Magenta (33%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 12.087, 43.895 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, 12.087, 43.895 by changing the saturation by 10% instead.

 72, 12.087, 43.895

 72, 12.087, 43.895

 100, 12.087,
43.895

 62, 12.087, 43.895

 92, 12.087, 43.895

 52, 12.087, 43.895

 42, 12.087, 43.895

 32, 12.087, 43.895

 22, 12.087, 43.895

 12, 12.087, 43.895

 2, 12.087, 43.895

 0, 12.087, 43.895

 72, 12.087, 43.895

 72, 12.087, 43.895

68, 19.349, 43.700

76, 5.376, 44.176

64, 27.199, 43.616

81, 0.830, 225.309

60, 35.649, 43.688

85, 6.585, 225.209

56, 44.661, 43.939

90, 11.939,
225.665

53, 54.105, 44.356

94, 16.048,
215.881

50, 63.663, 44.850

47, 72.606, 45.136

96, 18.529,
198.280

45, 79.797, 44.825

45, 80.762, 44.852

Harmonies

Complementary

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



72, 12.087, 43.895



75, 10.761, 225.722

Rectangle

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



72, 12.087, 43.895



72, 12.087, 93.895



72, 12.087, 223.895



72, 12.087, 273.895

Sweetspot

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



72, 12.086, 43.906



97, 4.537, 44.229



71, 20.684, 332.916



51, 3.017, 44.218



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, 12.086, 43.906



88, 17.756, 43.818



77, 15.004, 93.840



40, 3.551, 44.157



37, 69.455, 45.262



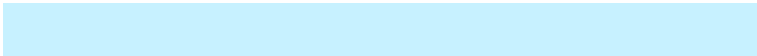
5, 13.878, 34.023

Inverse Universe

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



75, 10.761, 225.722



93, 15.408, 226.005



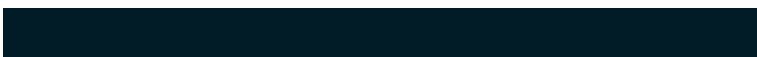
70, 15.147, 278.607



41, 3.360, 225.166



48, 32.456, 244.390



8, 11.132, 234.288

Previews

White Background



This preview shows how the CIELCh color 72, 12.087, 43.895 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, 12.087, 43.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

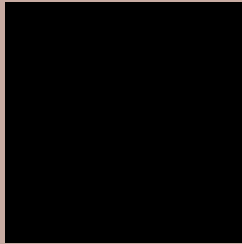
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 12.087, 43.895

Background



This preview shows how black text looks on a background with the CIELCh color 72, 12.087, 43.895.



This preview shows how white text looks on a background with the CIELCh color 72, 12.087, 43.895.

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, 12.087, 43.895

Protanopia

72, 7.033, 86.889

Deuteranopia

72, 12.244, 40.915



Tritanopia
72, 14.349, 351.314

Trichromacy



Original Color
72, 12.087, 43.895

Protanomaly
72, 8.351, 65.143

Deuteranomaly
72, 12.244, 40.915

Tritanomaly
72, 12.206, 7.683

Monochromacy



Original Color
72, 12.087, 43.895

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 4.131, 42.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 12.087, 43.895 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(199, 171, 162)` looks like.

```
.text, #text, p{  
    color:rgb(199, 171, 162)  
}
```

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(199, 171, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 171, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 12.087, 43.895 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(199, 171, 162) }
```

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

```
.border{ border-color:rgb(199, 171, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 171, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 171, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 171, 162);  
box-shadow:4px 4px 4px 4px rgb(199, 171,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 12.087, 43.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 171, 162) }
```

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

```
.background{ background-color: rgb(199,  
171, 162) }
```

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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