

Converting Colors

CIELCh(72, 5.791, 41.718)

Have a look what the booklet for
CIELCh(72, 5.791, 41.718) contains.

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Color

CIELCh(72, 5.784, 41.719)

Conversions

Conversions Part 1

Format	Color
Hex	BCAEAA
RGB	188, 174, 170
RGB Percent	74%, 68%, 67%
CMY	0.2642, 0.3191, 0.3348
CMYK	0.00, 0.07, 0.10, 0.26
HSL	13°, 12%, 70%
HSV	13°, 10%, 74%
XYZ	42.9297, 43.6590, 44.0103
YIQ	177.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

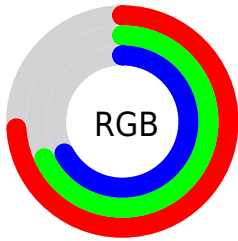
Format	Color
RYB	188, 175, 170
Decimal	12365482
CIELab	72.00, 4.32, 3.85
CIELCh	72, 5.784, 41.719
Yxy	43.6590, 0.3287, 0.3343
Android (android.graphics.Color)	4290555562 (0xFFBCAEAA)
YUV	177.7300, -3.8109, 9.0068
Hunter-Lab	66.0750, 0.3424, 6.7614

Details

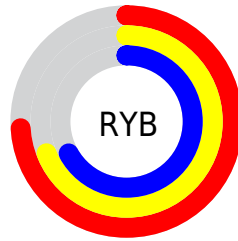
The CIELCh color $72, 5.784, 41.719$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 5.458, 222.574$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 5.809, 40.407$, and $52, 5.833, 43.157$ is the 20% darker color. If you saturate the color by 10%, you get $68, 12.303, 41.579$, and if you desaturate by 10%, it is $76, 0.241, 224.247$.

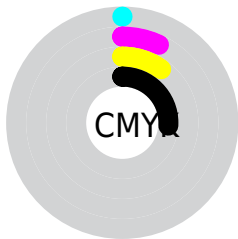
Distribution



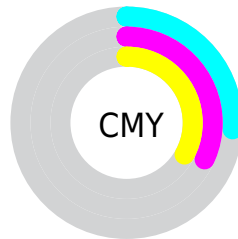
- Red (74%)
- Green (68%)
- Blue (67%)



- Red (74%)
- Yellow (69%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (26%)



- Cyan (26%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.784, 41.719 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, 5.784, 41.719 by changing the saturation by 10% instead.

 72, 5.784, 41.719  72, 5.784, 41.719

 100, 5.784, 41.719  62, 5.784, 41.719

 92, 5.784, 41.719  52, 5.784, 41.719

 42, 5.784, 41.719

 32, 5.784, 41.719

 22, 5.784, 41.719

 12, 5.784, 41.719

 2, 5.784, 41.719

 0, 5.784, 41.719

 72, 5.784, 41.719

 72, 5.784, 41.719

68, 12.303, 41.579

76, 0.241, 224.247

64, 19.364, 41.500

81, 5.819, 222.570

60, 26.996, 41.560

85, 11.001,
222.931

56, 35.204, 41.796

89, 15.834,
223.349

52, 43.943, 42.232

49, 53.076, 42.861

94, 19.399,
211.292

46, 62.278, 43.584

96, 21.798,
198.075

44, 70.812, 44.098

42, 77.769, 44.173

Harmonies

Complementary

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



72, 5.784, 41.719



74, 5.458, 222.574

Rectangle

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



72, 5.784, 41.719



72, 5.784, 91.719



72, 5.784, 221.719



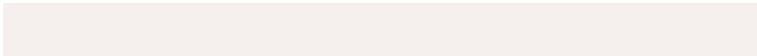
72, 5.784, 271.719

Sweetspot

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



72, 5.783, 41.741



95, 2.187, 41.728



71, 10.240, 331.688



50, 1.663, 41.764



98, 0.011, 296.813



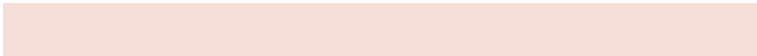
51, 0.007, 296.813

Same Dimension

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



72, 5.783, 41.741



90, 9.078, 41.696



74, 7.203, 93.746



38, 3.431, 41.744



35, 68.423, 44.524



4, 10.686, 34.284

Inverse Universe

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



74, 5.458, 222.574



93, 8.423, 222.680



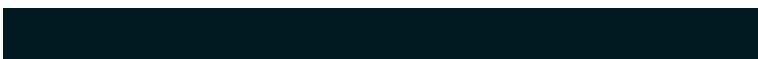
71, 7.237, 276.152



39, 3.243, 222.565



48, 31.118, 239.859



7, 9.467, 232.584

Previews

White Background



This preview shows how the CIELCh color 72, 5.784, 41.719 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, 5.784, 41.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

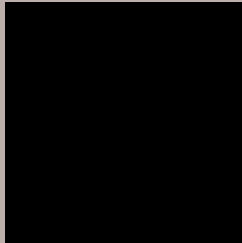
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

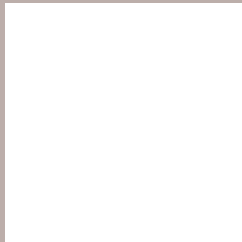
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 5.784, 41.719

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.784, 41.719.



This preview shows how white text looks on a background with the CIELCh color 72, 5.784, 41.719.

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, 5.784, 41.719

Protanopia

72, 3.295, 74.655

Deuteranopia

72, 9.673, 23.385



Tritanopia
72, 10.440, 333.462

Trichromacy



Original Color
72, 5.784, 41.719

Protanomaly
72, 3.727, 55.063

Deuteranomaly
72, 8.164, 27.636

Tritanomaly
72, 7.474, 349.442

Monochromacy



Original Color
72, 5.784, 41.719

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.166, 49.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 5.784, 41.719 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(188, 174, 170)` looks like.

```
.text, #text, p{  
    color:rgb(188, 174, 170)  
}
```

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(188, 174, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 174, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.784, 41.719 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(188, 174, 170) }
```

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

```
.border{ border-color:rgb(188, 174, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 174, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 174, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 174, 170);  
box-shadow:4px 4px 4px 4px rgb(188, 174,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.784, 41.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 174, 170) }
```

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

```
.background{ background-color: rgb(188,  
174, 170) }
```

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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