

Converting Colors

CIELCh(72, 6.504, 44.878)

Have a look what the booklet for
CIELCh(72, 6.504, 44.878) contains.

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Color

CIELCh(72, 6.735, 43.506)

Conversions

Conversions Part 1

Format	Color
Hex	BDADA8
RGB	189, 173, 168
RGB Percent	74%, 68%, 66%
CMY	0.2579, 0.3207, 0.3403
CMYK	0.00, 0.08, 0.11, 0.26
HSL	14°, 14%, 70%
HSV	14°, 11%, 74%
XYZ	43.1206, 43.6590, 43.3110
YIQ	177.2140, 11.1410, 1.8370

Conversions

Conversions Part 2

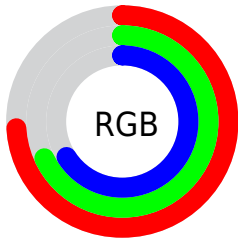
Format	Color
RYB	189, 175, 168
Decimal	12430760
CIELab	72.00, 4.88, 4.64
CIELCh	72, 6.735, 43.506
Yxy	43.6590, 0.3315, 0.3356
Android (android.graphics.Color)	4290620840 (0xFFBDADA8)
YUV	177.2140, -4.5425, 10.3363
Hunter-Lab	66.0750, 0.8580, 7.3889

Details

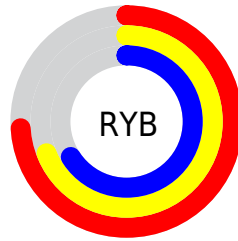
The CIELCh color $72, 6.735, 43.506$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 6.301, 224.609$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 6.699, 42.305$, and $52, 6.868, 44.782$ is the 20% darker color. If you saturate the color by 10%, you get $68, 13.327, 43.287$, and if you desaturate by 10%, it is $76, 0.640, 43.162$.

Distribution



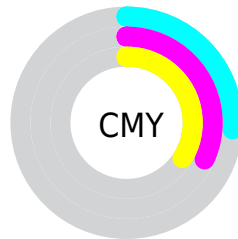
- Red (74%)
- Green (68%)
- Blue (66%)



- Red (74%)
- Yellow (69%)
- Blue (66%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (26%)



- Cyan (26%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.735, 43.506 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, 6.735, 43.506 by changing the saturation by 10% instead.

 72, 6.735, 43.506

 72, 6.735, 43.506

 100, 6.735, 43.506

 62, 6.735, 43.506

 92, 6.735, 43.506

 52, 6.735, 43.506

 42, 6.735, 43.506

 32, 6.735, 43.506

 22, 6.735, 43.506

 12, 6.735, 43.506

 2, 6.735, 43.506

 0, 6.735, 43.506

 72, 6.735, 43.506

 72, 6.735, 43.506

68, 13.327, 43.287

76, 0.640, 43.162

64, 20.461, 43.136

81, 5.007, 224.480

60, 28.167, 43.119

85, 10.255,
224.890

56, 36.446, 43.269

89, 15.151,
225.363

53, 45.246, 43.602

49, 54.411, 44.098

93, 18.674,
213.963

47, 63.573, 44.636

96, 21.325,
198.104

44, 71.901, 44.868

42, 78.002, 44.754

Harmonies

Complementary

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



72, 6.735, 43.506



74, 6.301, 224.609

Rectangle

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



72, 6.735, 43.506



72, 6.735, 93.506



72, 6.735, 223.506



72, 6.735, 273.506

Sweetspot

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



72, 6.734, 43.525



95, 2.171, 43.599



71, 11.808, 332.402



50, 1.651, 43.629



98, 0.011, 296.813



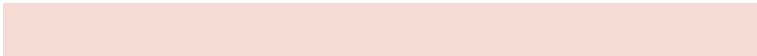
51, 0.007, 296.813

Same Dimension

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



72, 6.734, 43.525



90, 9.803, 43.472



75, 8.553, 94.759



38, 3.406, 43.568



35, 67.933, 45.123



4, 10.606, 35.495

Inverse Universe

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



74, 6.301, 224.609



92, 9.048, 224.720



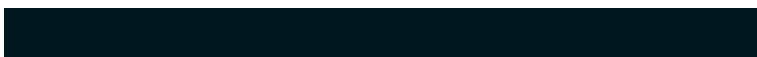
71, 8.609, 277.516



39, 3.223, 224.527



47, 31.533, 243.201



7, 9.471, 235.318

Previews

White Background



This preview shows how the CIELCh color 72, 6.735, 43.506 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, 6.735, 43.506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

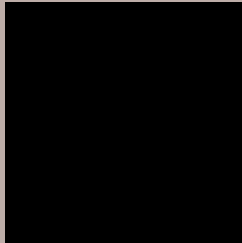
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 6.735, 43.506

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.735, 43.506.



This preview shows how white text looks on a background with the CIELCh color 72, 6.735, 43.506.

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, 6.735, 43.506

Protanopia

72, 3.754, 79.345

Deuteranopia

72, 9.740, 26.544



Tritanopia
72, 10.324, 337.096

Trichromacy



Original Color
72, 6.735, 43.506

Protanomaly
72, 4.725, 62.989

Deuteranomaly
72, 8.658, 30.845

Tritanomaly
72, 7.561, 354.518

Monochromacy



Original Color
72, 6.735, 43.506

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, 6.735, 43.506 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(189, 173, 168)` looks like.

```
.text, #text, p{  
    color:rgb(189, 173, 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(189, 173, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 173, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.735, 43.506 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(189, 173, 168) }
```

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

```
.border{ border-color:rgb(189, 173, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 173, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 173, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 173, 168);  
box-shadow:4px 4px 4px 4px rgb(189, 173,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.735, 43.506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 173, 168) }
```

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

```
.background{ background-color: rgb(189,  
173, 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](#).

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