

Converting Colors

CIELCh(72, 6.418, 35.576)

Have a look what the booklet for
CIELCh(72, 6.418, 35.576) contains.

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Color

CIELCh(72, 6.351, 34.643)

Conversions

Conversions Part 1

Format	Color
Hex	BDADAA
RGB	189, 173, 170
RGB Percent	74%, 68%, 67%
CMY	0.2585, 0.3212, 0.3330
CMYK	0.00, 0.08, 0.10, 0.26
HSL	9°, 13%, 70%
HSV	9°, 10%, 74%
XYZ	43.2352, 43.6590, 44.2239
YIQ	177.4420, 10.4990, 2.4590

Conversions

Conversions Part 2

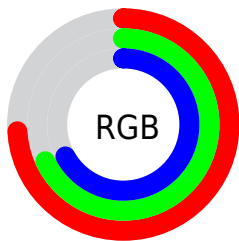
Format	Color
RYB	189, 174, 170
Decimal	12430762
CIELab	72.00, 5.23, 3.61
CIElCh	72, 6.351, 34.643
Yxy	43.6590, 0.3297, 0.3330
Android (android.graphics.Color)	4290620842 (0xFFBDADAA)
YUV	177.4420, -3.6689, 10.1364
Hunter-Lab	66.0750, 1.1676, 6.5698

Details

The CIELCh color $72, 6.351, 34.643$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 5.957, 214.911$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 6.357, 33.780$, and $52, 6.428, 35.603$ is the 20% darker color. If you saturate the color by 10%, you get $67, 13.205, 34.828$, and if you desaturate by 10%, it is $77, 0.030, 16.779$.

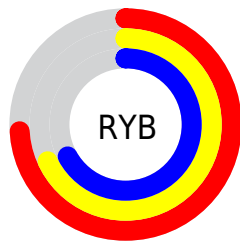
Distribution



Red (74%)

Green (68%)

Blue (67%)



Red (74%)

Yellow (68%)

Blue (67%)

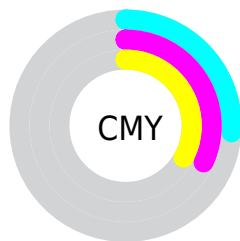


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.351, 34.643 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, 6.351, 34.643 by changing the saturation by 10% instead.

■ 72, 6.351, 34.643

■ 72, 6.351, 34.643

■ 100, 6.351, 34.643

■ 62, 6.351, 34.643

■ 92, 6.351, 34.643

■ 52, 6.351, 34.643

■ 42, 6.351, 34.643

■ 32, 6.351, 34.643

■ 22, 6.351, 34.643

■ 12, 6.351, 34.643

■ 2, 6.351, 34.643

■ 0, 6.351, 34.643

■ 72, 6.351, 34.643

■ 72, 6.351, 34.643

67, 13.205, 34.828

77, 0.030, 16.779

63, 20.633, 35.118

81, 5.809, 214.906

59, 28.654, 35.594

86, 11.216,
215.004

55, 37.255, 36.309

91, 16.240,
215.177

51, 46.361, 37.304

48, 55.803, 38.588

95, 20.611,
201.463

45, 65.216, 40.066

96, 21.366,
198.102

42, 73.805, 41.390

41, 80.589, 42.316

Harmonies

Complementary

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



72, 6.351, 34.643



74, 5.957, 214.911

Rectangle

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



72, 6.351, 34.643



72, 6.351, 84.643



72, 6.351, 214.643



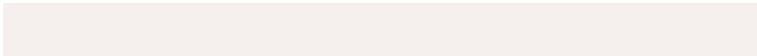
72, 6.351, 264.643

Sweetspot

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



72, 6.350, 34.662



95, 2.271, 34.447



72, 11.325, 329.413



50, 1.727, 34.506



98, 0.011, 296.813



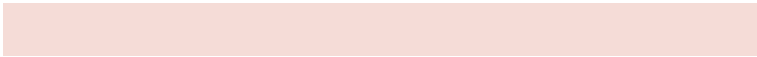
51, 0.007, 296.813

Same Dimension

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



72, 6.350, 34.662



90, 9.435, 34.693



74, 7.112, 88.490



37, 3.565, 34.652



34, 70.174, 42.479



4, 11.057, 29.563

Inverse Universe

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



74, 5.957, 214.911



93, 8.723, 214.929



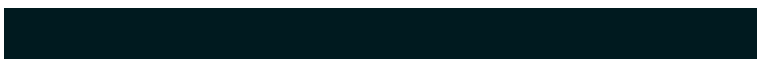
72, 7.095, 271.120



39, 3.360, 214.907



51, 30.468, 226.006



7, 9.687, 221.155

Previews

White Background



This preview shows how the CIELCh color 72, 6.351, 34.643 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, 6.351, 34.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

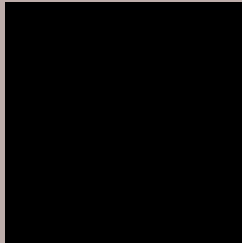
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

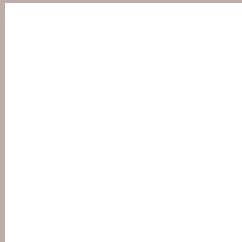
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 6.351, 34.643

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.351, 34.643.



This preview shows how white text looks on a background with the CIELCh color 72, 6.351, 34.643.

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, 6.351, 34.643

Protanopia

72, 2.865, 68.488

Deuteranopia

72, 9.636, 20.191



Tritanopia
72, 10.324, 337.096

Trichromacy



Original Color
72, 6.351, 34.643

Protanomaly
72, 4.046, 51.916

Deuteranomaly
72, 8.093, 23.863

Tritanomaly
72, 7.803, 350.909

Monochromacy



Original Color
72, 6.351, 34.643

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 2.322, 32.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 6.351, 34.643 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(189, 173, 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(189, 173, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 173, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.351, 34.643 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, 170) }
```

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

```
.border{ border-color:rgb(189, 173, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 173, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 173, 170);  
box-shadow:4px 4px 4px 4px rgb(189, 173,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.351, 34.643 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, 170) }
```

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

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