

Converting Colors

CIELCh(72, 6.162, 40.140)

Have a look what the booklet for
CIELCh(72, 6.162, 40.140) contains.

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Color

CIELCh(72, 6.155, 40.387)

Conversions

Conversions Part 1

Format	Color
Hex	BCADA9
RGB	188, 173, 169
RGB Percent	74%, 68%, 66%
CMY	0.2612, 0.3200, 0.3357
CMYK	0.00, 0.08, 0.10, 0.26
HSL	13°, 12%, 70%
HSV	13°, 10%, 74%
XYZ	43.0544, 43.6590, 43.8863
YIQ	177.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

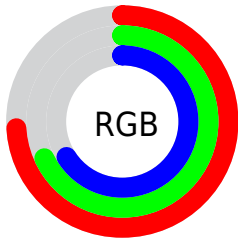
Format	Color
R _Y B	188, 174, 169
Decimal	12365225
CIE Lab	72.00, 4.69, 3.99
CIE LCh	72, 6.155, 40.387
Yxy	43.6590, 0.3297, 0.3343
Android (android.graphics.Color)	4290555305 (0xFFBCADA9)
YUV	177.0290, -3.9583, 9.6216
Hunter-Lab	66.0750, 0.6791, 6.8727

Details

The CIELCh color $72, 6.155, 40.387$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 5.785, 221.155$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 6.161, 39.217$, and $52, 6.232, 41.661$ is the 20% darker color. If you saturate the color by 10%, you get $68, 12.765, 40.307$, and if you desaturate by 10%, it is $76, 0.051, 30.510$.

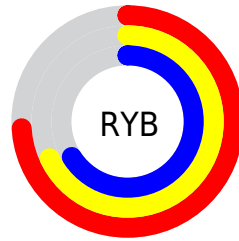
Distribution



Red (74%)

Green (68%)

Blue (66%)



Red (74%)

Yellow (68%)

Blue (66%)

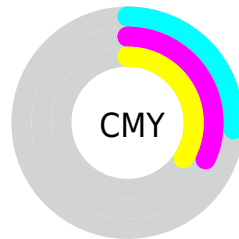


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (32%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.155, 40.387 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, 6.155, 40.387 by changing the saturation by 10% instead.

■ 72, 6.155, 40.387

■ 72, 6.155, 40.387

■ 100, 6.155, 40.387

■ 62, 6.155, 40.387

■ 92, 6.155, 40.387

■ 52, 6.155, 40.387

■ 42, 6.155, 40.387

■ 32, 6.155, 40.387

■ 22, 6.155, 40.387

■ 12, 6.155, 40.387

■ 2, 6.155, 40.387

■ 0, 6.155, 40.387

■ 72, 6.155, 40.387

■ 72, 6.155, 40.387

68, 12.765, 40.307

76, 0.051, 30.510

64, 19.926, 40.301

81, 5.598, 221.124

60, 27.666, 40.444

85, 10.839,
221.433

56, 35.986, 40.775

90, 15.723,
221.805

52, 44.833, 41.321

49, 54.060, 42.073

94, 19.443,
209.407

46, 63.323, 42.930

96, 21.570,
198.089

43, 71.848, 43.567

42, 78.715, 43.806

Harmonies

Complementary

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



72, 6.155, 40.387



74, 5.785, 221.155

Rectangle

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



72, 6.155, 40.387



72, 6.155, 90.387



72, 6.155, 220.387



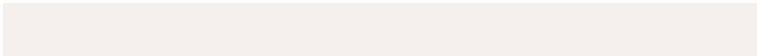
72, 6.155, 270.387

Sweetspot

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



72, 6.154, 40.407



95, 2.199, 40.363



71, 10.943, 331.124



50, 1.672, 40.404



98, 0.011, 296.813



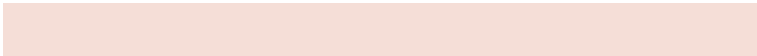
51, 0.007, 296.813

Same Dimension

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



72, 6.154, 40.407



90, 9.133, 40.384



74, 7.480, 92.452



38, 3.451, 40.415



35, 68.771, 44.105



4, 10.748, 33.401

Inverse Universe

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



74, 5.785, 221.155



93, 8.466, 221.230



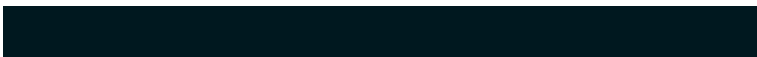
71, 7.503, 275.014



39, 3.260, 221.132



48, 30.876, 237.358



7, 9.478, 230.534

Previews

White Background



This preview shows how the CIELCh color 72, 6.155, 40.387 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, 6.155, 40.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

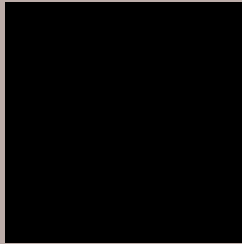
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 6.155, 40.387

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.155, 40.387.



This preview shows how white text looks on a background with the CIELCh color 72, 6.155, 40.387.

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, 6.155, 40.387

Protanopia

72, 3.295, 74.655

Deuteranopia

72, 9.673, 23.385



Tritanopia
72, 10.440, 333.462

Trichromacy



Original Color
72, 6.155, 40.387

Protanomaly
72, 4.365, 57.887

Deuteranomaly
72, 8.164, 27.636

Tritanomaly
72, 7.474, 349.442

Monochromacy



Original Color
72, 6.155, 40.387

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, 6.155, 40.387 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, 173, 169)` looks like.

```
.text, #text, p{  
    color:rgb(188, 173, 169)  
}
```

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, 173, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 173, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.155, 40.387 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, 173, 169) }
```

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

```
.border{ border-color:rgb(188, 173, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 173, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 173, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 173, 169);  
box-shadow:4px 4px 4px 4px rgb(188, 173,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.155, 40.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 173, 169) }
```

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

```
.background{ background-color: rgb(188,  
173, 169) }
```

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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