

Converting Colors

CIELCh(72, 3.791, 63.056)

Have a look what the booklet for
CIELCh(72, 3.791, 63.056) contains.

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Color

CIELCh(72, 3.790, 65.102)

Conversions

Conversions Part 1

Format	Color
Hex	B6AFAA
RGB	182, 175, 170
RGB Percent	71%, 69%, 67%
CMY	0.2852, 0.3126, 0.3323
CMYK	0.00, 0.04, 0.07, 0.29
HSL	25°, 8%, 69%
HSV	25°, 7%, 71%
XYZ	42.0225, 43.6590, 44.3786
YIQ	176.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

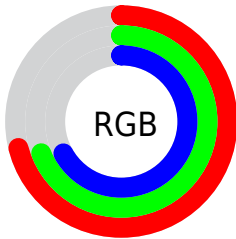
Format	Color
RYB	182, 179, 170
Decimal	11972522
CIELab	72.00, 1.60, 3.44
CIELCh	72, 3.790, 65.102
Yxy	43.6590, 0.3231, 0.3357
Android (android.graphics.Color)	4290162602 (0xFFB6AFAA)
YUV	176.5230, -3.2158, 4.8033
Hunter-Lab	66.0750, -2.1085, 6.4309

Details

The CIELCh color $72, 3.790, 65.102$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 3.708, 246.771$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 3.854, 61.359$, and $52, 3.781, 69.325$ is the 20% darker color. If you saturate the color by 10%, you get $69, 9.838, 64.150$, and if you desaturate by 10%, it is $75, 1.920, 246.501$.

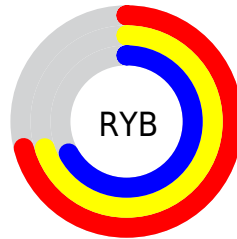
Distribution



Red (71%)

Green (69%)

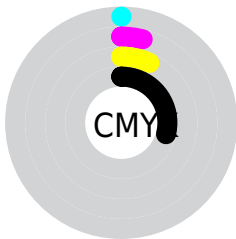
Blue (67%)



Red (71%)

Yellow (70%)

Blue (67%)

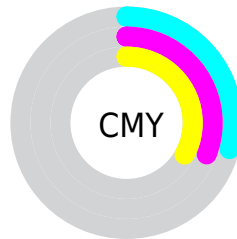


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 3.790, 65.102 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, 3.790, 65.102 by changing the saturation by 10% instead.

 72, 3.790, 65.102  72, 3.790, 65.102

 100, 3.790, 65.102  62, 3.790, 65.102

 92, 3.790, 65.102  52, 3.790, 65.102

 42, 3.790, 65.102

 32, 3.790, 65.102

 22, 3.790, 65.102

 12, 3.790, 65.102

 2, 3.790, 65.102

 0, 3.790, 65.102

 72, 3.790, 65.102  72, 3.790, 65.102

69, 9.838, 64.150	75, 1.920, 246.501
66, 16.256, 63.129	79, 7.329, 247.387
63, 23.073, 62.123	82, 12.471, 248.388
59, 30.296, 61.144	
57, 37.896, 60.191	85, 17.378, 249.377
54, 45.769, 59.237	88, 19.848, 243.299
51, 53.656, 58.195	
49, 61.007, 56.865	91, 19.691, 223.357
47, 66.946, 54.916	94, 21.698, 205.408
	95, 23.340, 197.979

Harmonies

Complementary

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



72, 3.790, 65.102



72, 3.708, 246.771

Rectangle

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



72, 3.790, 65.102



72, 3.790, 115.102



72, 3.790, 245.102



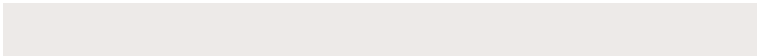
72, 3.790, 295.102

Sweetspot

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



72, 3.790, 65.135



93, 1.403, 65.370



71, 5.941, 339.856



50, 0.803, 65.361



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 3.790, 65.135



91, 5.730, 64.992



74, 5.946, 105.917



37, 3.308, 64.877



39, 61.067, 54.816



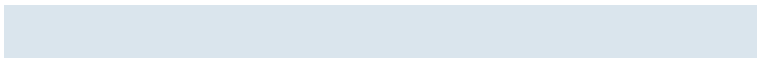
5, 8.716, 52.408

Inverse Universe

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



72, 3.708, 246.771



90, 5.567, 246.936



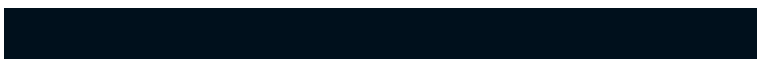
70, 6.030, 287.308



37, 3.198, 247.074



38, 41.690, 273.904



4, 9.461, 259.667

Previews

White Background



This preview shows how the CIELCh color 72, 3.790, 65.102 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 CIE LCh color 72, 3.790, 65.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

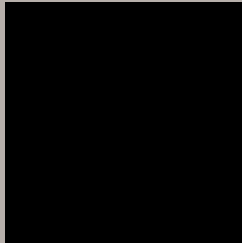
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

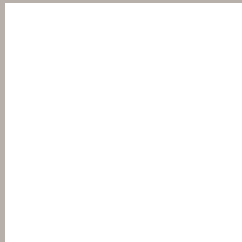
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 3.790, 65.102

Background



This preview shows how black text looks on a background with the CIELCh color 72, 3.790, 65.102.



This preview shows how white text looks on a background with the CIELCh color 72, 3.790, 65.102.

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, 3.790, 65.102

Protanopia

72, 3.295, 74.655

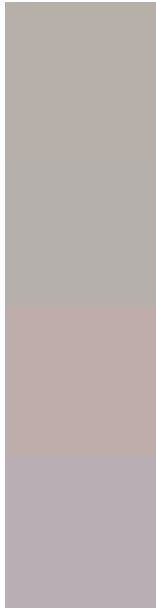
Deuteranopia

72, 9.243, 20.154



Tritanopia
72, 8.400, 322.676

Trichromacy



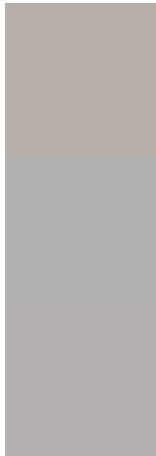
Original Color
72, 3.790, 65.102

Protanomaly
72, 3.295, 74.655

Deuteranomaly
72, 6.606, 29.300

Tritanomaly
72, 4.994, 338.963

Monochromacy



Original Color
72, 3.790, 65.102

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.244, 44.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 3.790, 65.102 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(182, 175, 170)` looks like.

```
.text, #text, p{  
    color:rgb(182, 175, 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(182, 175, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 175, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 3.790, 65.102 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(182, 175, 170) }
```

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

```
.border{ border-color:rgb(182, 175, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 175, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 175, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 175, 170);  
box-shadow:4px 4px 4px 4px rgb(182, 175,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 3.790, 65.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 175, 170) }
```

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

```
.background{ background-color: rgb(182,  
175, 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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