

Converting Colors

CIELCh(72, 4.615, 38.552)

Have a look what the booklet for
CIELCh(72, 4.615, 38.552) contains.

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Color

CIELCh(72, 4.856, 39.218)

Conversions

Conversions Part 1

Format	Color
Hex	BAAEAB
RGB	186, 174, 171
RGB Percent	73%, 68%, 67%
CMY	0.2705, 0.3176, 0.3294
CMYK	0.00, 0.06, 0.08, 0.27
HSL	12°, 10%, 70%
HSV	12°, 8%, 73%
XYZ	42.7436, 43.6590, 44.7093
YIQ	177.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

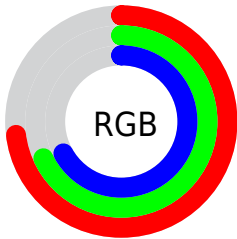
Format	Color
RYB	186, 175, 171
Decimal	12234411
CIELab	72.00, 3.76, 3.07
CIELCh	72, 4.856, 39.218
Yxy	43.6590, 0.3260, 0.3330
Android (android.graphics.Color)	4290424491 (0xFFBAAEAB)
YUV	177.2460, -3.0793, 7.6773
Hunter-Lab	66.0750, -0.1603, 6.1342

Details

The CIELCh color $72, 4.856, 39.218$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 4.623, 219.834$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 4.940, 37.818$, and $52, 4.826, 40.809$ is the 20% darker color. If you saturate the color by 10%, you get $68, 11.331, 39.192$, and if you desaturate by 10%, it is $76, 1.124, 220.010$.

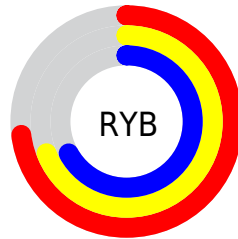
Distribution



Red (73%)

Green (68%)

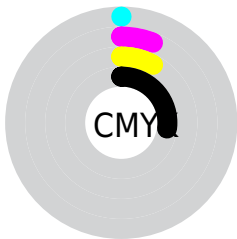
Blue (67%)



Red (73%)

Yellow (69%)

Blue (67%)

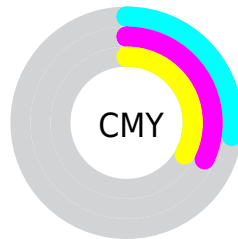


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.856, 39.218 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, 4.856, 39.218 by changing the saturation by 10% instead.

 72, 4.856, 39.218

 72, 4.856, 39.218

 100, 4.856, 39.218

 62, 4.856, 39.218

 92, 4.856, 39.218

 52, 4.856, 39.218

 42, 4.856, 39.218

 32, 4.856, 39.218

 22, 4.856, 39.218

 12, 4.856, 39.218

 2, 4.856, 39.218

 0, 4.856, 39.218

 72, 4.856, 39.218

 72, 4.856, 39.218

68, 11.331, 39.192

76, 1.124, 220.010

63, 18.347, 39.219

81, 6.656, 219.900

59, 25.936, 39.393

85, 11.792,
220.185

56, 34.103, 39.756

90, 16.578,
220.525

52, 42.807, 40.342

49, 51.923, 41.156

94, 20.292,
207.900

46, 61.162, 42.125

96, 22.265,
198.045

43, 69.872, 42.984

41, 76.960, 43.316

Harmonies

Complementary

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



72, 4.856, 39.218



74, 4.623, 219.834

Rectangle

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



72, 4.856, 39.218



72, 4.856, 89.218



72, 4.856, 219.218



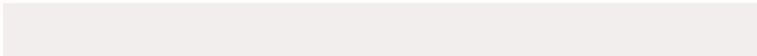
72, 4.856, 269.218

Sweetspot

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



72, 4.855, 39.243



94, 1.455, 39.031



72, 8.643, 330.990



51, 0.834, 39.010



98, 0.011, 296.813



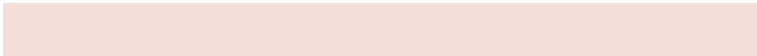
51, 0.007, 296.813

Same Dimension

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



72, 4.855, 39.243



90, 7.527, 39.234



74, 5.904, 92.694



37, 3.393, 39.238



34, 68.188, 43.753



3, 9.329, 33.451

Inverse Universe

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



74, 4.623, 219.834



93, 7.068, 219.884



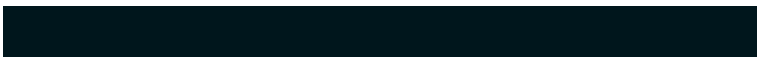
72, 5.925, 274.745



38, 3.204, 219.862



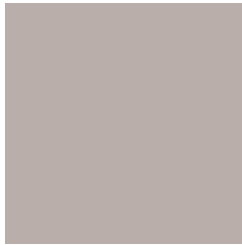
48, 30.338, 235.044



6, 8.539, 229.372

Previews

White Background



This preview shows how the CIELCh color 72, 4.856, 39.218 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, 4.856, 39.218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

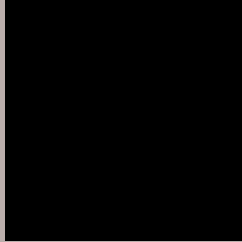
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 4.856, 39.218

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.856, 39.218.



This preview shows how white text looks on a background with the CIELCh color 72, 4.856, 39.218.

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, 4.856, 39.218

Protanopia

72, 2.865, 68.488

Deuteranopia

72, 9.240, 16.808



Tritanopia
72, 9.287, 330.582

Trichromacy



Original Color
72, 4.856, 39.218

Protanomaly
72, 3.436, 47.731

Deuteranomaly
72, 7.668, 20.002

Tritanomaly
72, 6.516, 344.206

Monochromacy



Original Color
72, 4.856, 39.218

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.593, 39.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 4.856, 39.218 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(186, 174, 171)` looks like.

```
.text, #text, p{  
    color:rgb(186, 174, 171)  
}
```

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(186, 174, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 174, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.856, 39.218 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(186, 174, 171) }
```

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

```
.border{ border-color:rgb(186, 174, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 174, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 174, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 174, 171);  
box-shadow:4px 4px 4px 4px rgb(186, 174,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.856, 39.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 174, 171) }
```

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

```
.background{ background-color: rgb(186,  
174, 171) }
```

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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