

Converting Colors

CIELCh(72, 2.856, 41.760)

Have a look what the booklet for
CIELCh(72, 2.856, 41.760) contains.

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Color

CIELCh(72, 2.856, 41.760)

Conversions

Conversions Part 1

Format	Color
Hex	B6AFAD
RGB	182, 175, 173
RGB Percent	71%, 69%, 68%
CMY	0.2860, 0.3134, 0.3213
CMYK	0.00, 0.04, 0.05, 0.29
HSL	13°, 6%, 70%
HSV	13°, 5%, 71%
XYZ	42.1997, 43.6590, 45.7717
YIQ	176.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

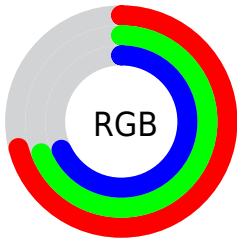
Format	Color
RYB	182, 176, 173
Decimal	11972525
CIELab	72.00, 2.13, 1.90
CIELCh	72, 2.856, 41.760
Yxy	43.6590, 0.3206, 0.3317
Android (android.graphics.Color)	4290162605 (0xFFB6AFAD)
YUV	176.8650, -1.9054, 4.5034
Hunter-Lab	66.0750, -1.6296, 5.1809

Details

The CIELCh color **72, 2.856, 41.760** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 2.777, 222.482**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 2.937, 51.084**, and **52, 2.684, 45.017** is the 20% darker color. If you saturate the color by 10%, you get **68, 8.986, 41.669**, and if you desaturate by 10%, it is **76, 2.815, 222.482**.

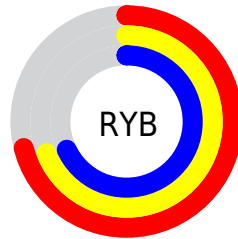
Distribution



Red (71%)

Green (69%)

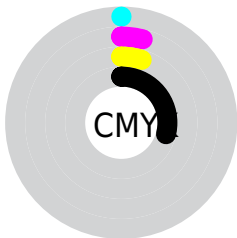
Blue (68%)



Red (71%)

Yellow (69%)

Blue (68%)

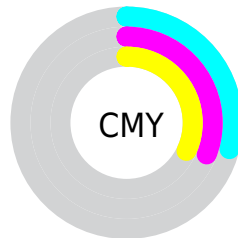


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 2.856, 41.760 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, 2.856, 41.760 by changing the saturation by 10% instead.

 72, 2.856, 41.760  72, 2.856, 41.760

 100, 2.856, 41.760  62, 2.856, 41.760

 92, 2.856, 41.760  52, 2.856, 41.760

 42, 2.856, 41.760

 32, 2.856, 41.760

 22, 2.856, 41.760

 12, 2.856, 41.760

 2, 2.856, 41.760

 0, 2.856, 41.760

 72, 2.856, 41.760  72, 2.856, 41.760

68, 8.986, 41.669

76, 2.815, 222.482

64, 15.623, 41.541

80, 8.073, 222.747

60, 22.805, 41.529

85, 12.967,
223.141

56, 30.550, 41.676

89, 17.541,
223.572

52, 38.841, 42.014

49, 47.595, 42.552

93, 20.814,
211.400

46, 56.599, 43.248

95, 23.400,
197.975

43, 65.369, 43.918

41, 72.857, 44.087

Harmonies

Complementary

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



72, 2.856, 41.760



73, 2.777, 222.482

Rectangle

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



72, 2.856, 41.760



72, 2.856, 91.760



72, 2.856, 221.760



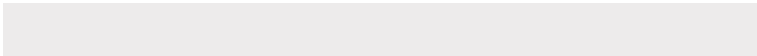
72, 2.856, 271.760

Sweetspot

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



72, 2.855, 41.802



93, 0.703, 41.230



72, 5.136, 331.367



50, 0.403, 41.184



97, 0.011, 296.813



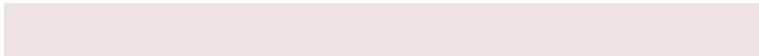
50, 0.007, 296.813

Same Dimension

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



72, 2.855, 41.802



91, 4.316, 41.802



73, 3.607, 94.281



37, 2.321, 41.799



34, 67.548, 44.544



3, 9.223, 35.243

Inverse Universe

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



73, 2.777, 222.482



92, 4.166, 222.495



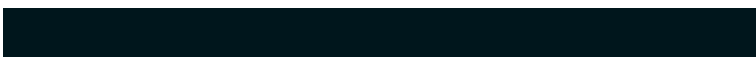
72, 3.628, 275.570



38, 2.234, 222.503



47, 30.746, 239.832



6, 8.515, 233.071

Previews

White Background



This preview shows how the CIELCh color 72, 2.856, 41.760 looks on a white background.

Color Contrast Check

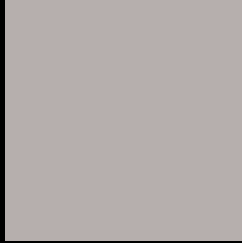
Large Text (above 18pt) WCAG AA × Fail

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, 2.856, 41.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

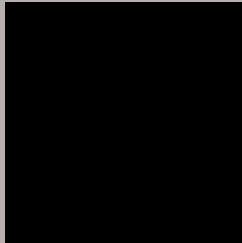
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

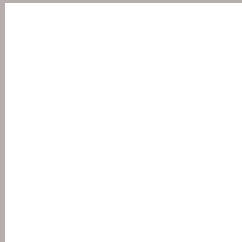
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 2.856, 41.760

Background



This preview shows how black text looks on a background with the CIELCh color 72, 2.856, 41.760.



This preview shows how white text looks on a background with the CIELCh color 72, 2.856, 41.760.

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, 2.856, 41.760

Protanopia

72, 2.207, 66.718

Deuteranopia

72, 8.947, 9.692



Tritanopia
72, 8.684, 318.683

Trichromacy



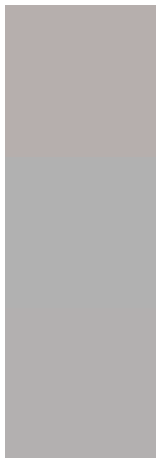
Original Color
72, 2.856, 41.760

Protanomaly
72, 2.481, 60.266

Deuteranomaly
72, 6.950, 10.977

Tritanomaly
72, 5.528, 327.845

Monochromacy



Original Color
72, 2.856, 41.760

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.127, 19.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 2.856, 41.760 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(182, 175, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 175, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 2.856, 41.760 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, 173) }
```

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

```
.border{ border-color:rgb(182, 175, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 175, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 175, 173);  
box-shadow:4px 4px 4px 4px rgb(182, 175,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 2.856, 41.760 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, 173) }
```

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

```
.background{ background-color: rgb(182,  
175, 173) }
```

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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