

Converting Colors

CIELCh(72, 2.435, 82.137)

Have a look what the booklet for
CIELCh(72, 2.435, 82.137) contains.

CIELCh(72, 2.435, 82.137)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 2.435, 82.137)

Conversions

Conversions Part 1

Format	Color
Hex	B3B0AC
RGB	179, 176, 172
RGB Percent	70%, 69%, 67%
CMY	0.2977, 0.3095, 0.3252
CMYK	0.00, 0.02, 0.04, 0.30
HSL	34°, 4%, 69%
HSV	34°, 4%, 70%
XYZ	41.6060, 43.6590, 45.3059
YIQ	176.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

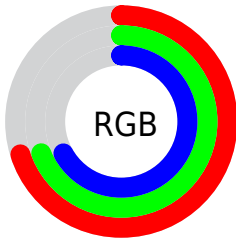
Format	Color
RYB	177, 179, 172
Decimal	11776172
CIELab	72.00, 0.33, 2.41
CIELCh	72, 2.435, 82.137
Yxy	43.6590, 0.3186, 0.3344
Android (android.graphics.Color)	4289966252 (0xFFB3B0AC)
YUV	176.4410, -2.1894, 2.2442
Hunter-Lab	66.0750, -3.2335, 5.5989

Details

The CIELCh color $72, 2.435, 82.137$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 2.437, 263.392$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 2.777, 87.113$, and $52, 2.441, 90.494$ is the 20% darker color. If you saturate the color by 10%, you get $70, 8.834, 81.003$, and if you desaturate by 10%, it is $75, 3.753, 263.600$.

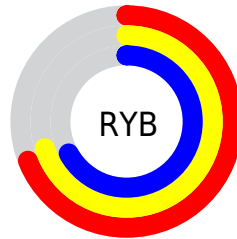
Distribution



Red (70%)

Green (69%)

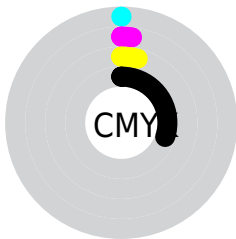
Blue (67%)



Red (69%)

Yellow (70%)

Blue (67%)

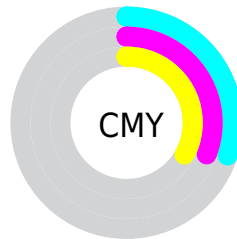


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (30%)



Cyan (30%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 2.435, 82.137 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, 2.435, 82.137 by changing the saturation by 10% instead.

 72, 2.435, 82.137  72, 2.435, 82.137

 100, 2.435, 82.137  62, 2.435, 82.137

 92, 2.435, 82.137  52, 2.435, 82.137

 42, 2.435, 82.137

 32, 2.435, 82.137

 22, 2.435, 82.137

 12, 2.435, 82.137

 2, 2.435, 82.137

 0, 2.435, 82.137

 72, 2.435, 82.137  72, 2.435, 82.137

70, 8.834, 81.003

75, 3.753, 263.600

67, 15.453, 79.717

77, 9.750, 264.733

65, 22.296, 78.391

80, 15.574,
265.854

62, 29.346, 77.032

82, 21.242,
266.932

60, 36.542, 75.634

58, 43.751, 74.174

85, 23.728,
263.855

56, 50.699, 72.591

87, 21.564,
252.321

54, 56.884, 70.758

52, 61.547, 68.443

89, 20.404,
239.034

91, 20.387,
225.114

93, 21.486,
212.032

Harmonies

Complementary

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



72, 2.435, 82.137



71, 2.437, 263.392

Rectangle

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



72, 2.435, 82.137



72, 2.435, 132.137



72, 2.435, 262.137



72, 2.435, 312.137

Sweetspot

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



72, 2.436, 82.182



92, 0.759, 82.199



71, 3.129, 347.614



49, 0.435, 82.180



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 2.436, 82.182



90, 3.856, 82.063



73, 3.791, 112.463



37, 2.120, 82.007



44, 56.784, 67.383



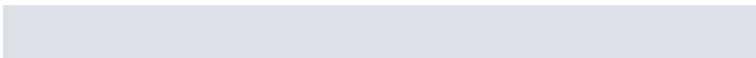
5, 7.821, 70.999

Inverse Universe

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



71, 2.437, 263.392



89, 3.846, 263.520



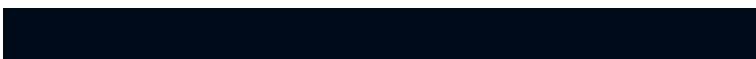
71, 3.839, 293.147



37, 2.111, 263.579



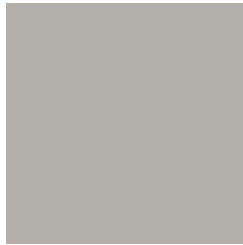
30, 55.830, 289.702



3, 9.366, 271.296

Previews

White Background



This preview shows how the CIELCh color 72, 2.435, 82.137 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, 2.435, 82.137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

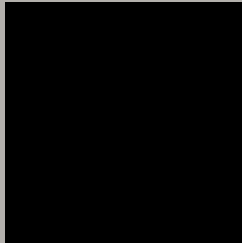
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

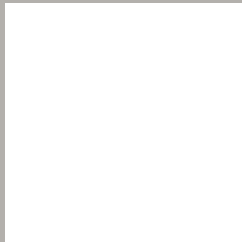
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 2.435, 82.137

Background



This preview shows how black text looks on a background with the CIELCh color 72, 2.435, 82.137.



This preview shows how white text looks on a background with the CIELCh color 72, 2.435, 82.137.

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, 2.435, 82.137

Protanopia

72, 2.865, 68.488

Deuteranopia

72, 9.269, 13.471



Tritanopia
72, 7.572, 310.679

Trichromacy



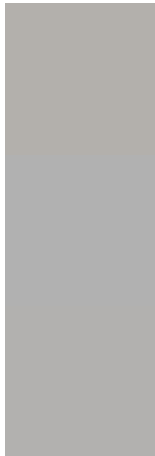
Original Color
72, 2.435, 82.137

Protanomaly
72, 2.631, 74.760

Deuteranomaly
72, 6.105, 19.848

Tritanomaly
72, 4.266, 316.302

Monochromacy



Original Color
72, 2.435, 82.137

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.137, 90.728

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 72, 2.435, 82.137 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(179, 176, 172)` looks like.

```
.text, #text, p{  
    color:rgb(179, 176, 172)  
}
```

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(179, 176, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 176, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 2.435, 82.137 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(179, 176, 172) }
```

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

```
.border{ border-color:rgb(179, 176, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 176, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 176, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 176, 172);  
box-shadow:4px 4px 4px 4px rgb(179, 176,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 2.435, 82.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 176, 172) }
```

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

```
.background{ background-color: rgb(179,  
176, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor