

Converting Colors

CIELCh(72, 1.894, 219.118)

Have a look what the booklet for
CIELCh(72, 1.894, 219.118) contains.

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Color

CIELCh(72, 1.827, 236.215)

Conversions

Conversions Part 1

Format	Color
Hex	ADB1B3
RGB	173, 177, 179
RGB Percent	68%, 69%, 70%
CMY	0.3210, 0.3053, 0.2975
CMYK	0.03, 0.01, 0.00, 0.30
HSL	200°, 4%, 69%
HSV	200°, 3%, 70%
XYZ	41.1641, 43.6590, 48.9789
YIQ	176.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

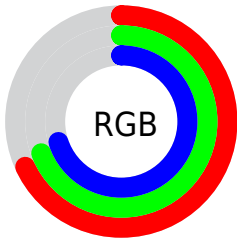
Format	Color
RYB	173, 175, 179
Decimal	11383219
CIELab	72.00, -1.02, -1.52
CIELCh	72, 1.827, 236.215
Yxy	43.6590, 0.3076, 0.3263
Android (android.graphics.Color)	4289573299 (0xFFADB1B3)
YUV	176.0320, 1.4632, -2.6591
Hunter-Lab	66.0750, -4.4275, 2.3031

Details

The CIELCh color $72, 1.827, 236.215$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 1.849, 55.133$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 2.030, 230.262$, and $52, 1.647, 244.486$ is the 20% darker color. If you saturate the color by 10%, you get $69, 7.141, 236.920$, and if you desaturate by 10%, it is $75, 3.666, 55.021$.

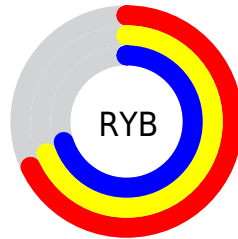
Distribution



Red (68%)

Green (69%)

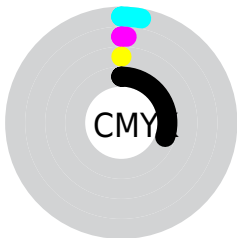
Blue (70%)



Red (68%)

Yellow (69%)

Blue (70%)

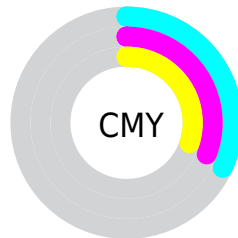


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (30%)



Cyan (32%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 1.827, 236.215 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, 1.827, 236.215 by changing the saturation by 10% instead.

■ 72, 1.827, 236.215

■ 72, 1.827, 236.215

■ 100, 1.827,
236.215

■ 62, 1.827, 236.215

■ 92, 1.827, 236.215

■ 52, 1.827, 236.215

■ 42, 1.827, 236.215

■ 32, 1.827, 236.215

■ 22, 1.827, 236.215

■ 12, 1.827, 236.215

■ 2, 1.827, 236.215

■ 0, 1.827, 236.215

■ 72, 1.827, 236.215

■ 72, 1.827, 236.215

69, 7.141, 236.920

75, 3.666, 55.021

66, 12.225,
238.076

78, 9.293, 54.477

63, 17.025,
239.539

81, 15.018, 53.993

84, 20.808, 53.591

61, 21.485,
241.369

87, 24.067, 57.160

58, 25.556,
243.645

88, 24.337, 65.850

89, 25.160, 74.134

56, 29.207,
246.451

91, 26.478, 81.708

53, 32.443,
249.865

92, 28.216, 88.417

51, 35.314,
253.931

49, 37.932,
258.619

Harmonies

Complementary

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



72, 1.827, 236.215



72, 1.849, 55.133

Rectangle

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



72, 1.827, 236.215



72, 1.827, 286.215



72, 1.827, 56.215



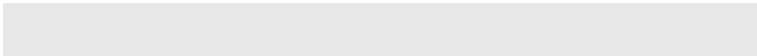
72, 1.827, 106.215

Sweetspot

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



72, 1.827, 236.154



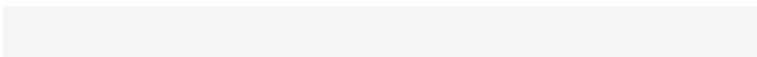
92, 0.679, 236.517



72, 3.175, 154.840



49, 0.389, 236.557



96, 0.011, 296.813



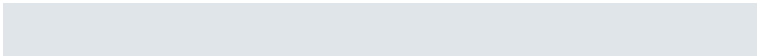
49, 0.007, 296.813

Same Dimension

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



72, 1.827, 236.154



91, 2.688, 236.172



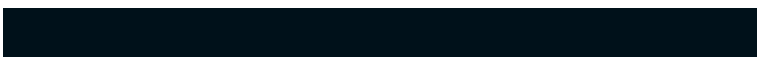
71, 2.704, 281.808



37, 1.535, 236.198



41, 35.054, 261.162



4, 7.722, 248.648

Inverse Universe

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



71, 3.156, 335.773



90, 4.653, 335.840



73, 2.678, 100.970



37, 2.662, 335.892



33, 61.966, 347.004



2, 11.884, 340.560

Previews

White Background



This preview shows how the CIE LCh color 72, 1.827, 236.215 looks on a white background.

Color Contrast Check

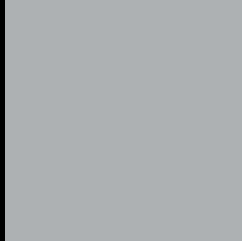
Large Text (above 18pt) WCAG AA × Fail

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, 1.827, 236.215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

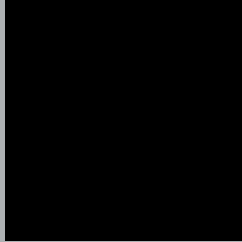
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

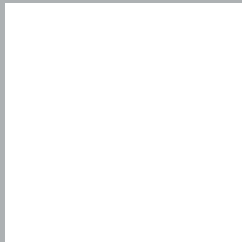
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 1.827, 236.215

Background



This preview shows how black text looks on a background with the CIELCh color 72, 1.827, 236.215.



This preview shows how white text looks on a background with the CIELCh color 72, 1.827, 236.215.

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, 1.827, 236.215

Protanopia

72, 2.234, 332.348

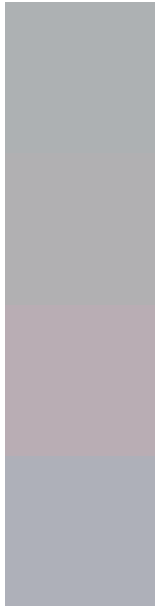
Deuteranopia

72, 9.328, 348.618



Tritanopia
72, 7.085, 287.943

Trichromacy



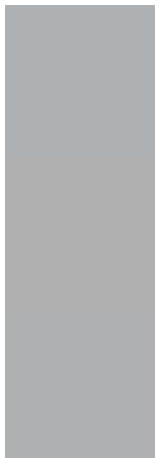
Original Color
72, 1.827, 236.215

Protanomaly
72, 1.163, 309.023

Deuteranomaly
72, 5.922, 339.848

Tritanomaly
72, 4.948, 282.176

Monochromacy



Original Color
72, 1.827, 236.215

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 0.662, 256.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 1.827, 236.215 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(173, 177, 179)` looks like.

```
.text, #text, p{  
    color:rgb(173, 177, 179)  
}
```

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(173, 177, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 177, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 1.827, 236.215 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(173, 177, 179) }
```

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

```
.border{ border-color:rgb(173, 177, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 177, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 177, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 177, 179);  
box-shadow:4px 4px 4px 4px rgb(173, 177,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 1.827, 236.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 177, 179) }
```

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

```
.background{ background-color: rgb(173,  
177, 179) }
```

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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