

Converting Colors

CIELCh(72, 13.234, 247.989)

Have a look what the booklet for
CIELCh(72, 13.234, 247.989)
contains.

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Color

CIELCh(72, 13.048, 247.879)

Conversions

Conversions Part 1

Format	Color
Hex	9AB4C6
RGB	154, 180, 198
RGB Percent	60%, 71%, 78%
CMY	0.3956, 0.2936, 0.2230
CMYK	0.22, 0.09, 0.00, 0.22
HSL	205°, 28%, 69%
HSV	205°, 22%, 78%
XYZ	39.9048, 43.6590, 59.8280
YIQ	174.2780, -21.2740, 0.0860

Conversions

Conversions Part 2

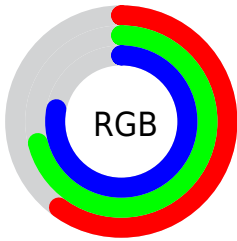
Format	Color
RYB	154, 170, 198
Decimal	10138822
CIELab	72.00, -4.91, -12.09
CIElCh	72, 13.048, 247.879
Yxy	43.6590, 0.2783, 0.3045
Android (android.graphics.Color)	4288328902 (0xFF9AB4C6)
YUV	174.2780, 11.6949, -17.7838
Hunter-Lab	66.0750, -7.8293, -7.4320

Details

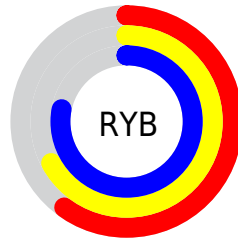
The CIELCh color $72, 13.048, 247.879$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $72, 14.320, 62.668$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 13.112, 247.784$, and $52, 13.039, 248.365$ is the 20% darker color. If you saturate the color by 10%, you get $69, 18.607, 249.606$, and if you desaturate by 10%, it is $76, 7.276, 246.464$.

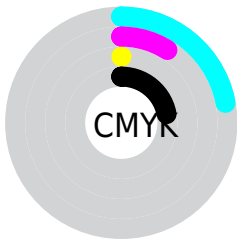
Distribution



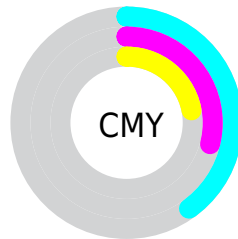
- Red (60%)
- Green (71%)
- Blue (78%)



- Red (60%)
- Yellow (67%)
- Blue (78%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)





- Cyan (40%)
- Magenta (29%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 13.048, 247.879 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, 13.048, 247.879 by changing the saturation by 10% instead.


 72, 13.048,
247.879


 72, 13.048,
247.879


 100, 13.048,
247.879


 62, 13.048,
247.879


 92, 13.048,
247.879

 52, 13.048,
247.879

 42, 13.048,
247.879

 32, 13.048,
247.879

 22, 13.048,
247.879

 12, 13.048,
247.879

 2, 13.048, 247.879

0, 13.048, 247.879

72, 13.048,
247.879

72, 13.048,
247.879

69, 18.607,
249.606

76, 7.276, 246.464

65, 23.914,
251.720

79, 1.337, 245.542

83, 4.729, 64.139

62, 28.934,
254.286

86, 10.886, 63.365

59, 33.657,
257.377

90, 17.103, 62.683

92, 18.730, 76.592

56, 38.105,
261.043

94, 21.009, 89.409

53, 42.350,
265.290

96, 24.114, 99.228

■ 50, 46.511,
270.035

■ 98, 27.748,
106.551

■ 48, 49.824,
273.841

Harmonies

Complementary

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



72, 13.048, 247.879



72, 14.320, 62.668

Rectangle

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



72, 13.048, 247.879



72, 13.048, 297.879



72, 13.048, 67.879



72, 13.048, 117.879

Sweetspot

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



72, 13.047, 247.873



97, 5.154, 245.872



76, 21.608, 156.816



51, 3.346, 245.937



0, 0.000, 0.000



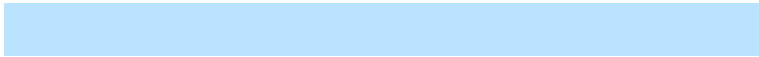
53, 0.007, 296.813

Same Dimension

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



72, 13.047, 247.873



88, 19.305, 248.730



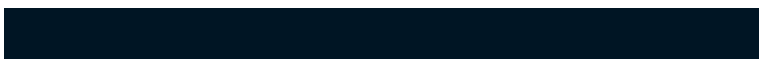
66, 21.969, 288.526



40, 3.403, 246.123



40, 42.646, 273.069



6, 12.612, 260.906

Inverse Universe

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



68, 21.831, 340.820



83, 32.633, 341.293



78, 21.108, 103.468



39, 5.537, 339.729



35, 62.439, 353.352



4, 18.898, 347.356

Previews

White Background



This preview shows how the CIELCh color 72, 13.048, 247.879 looks on a white background.

Color Contrast Check

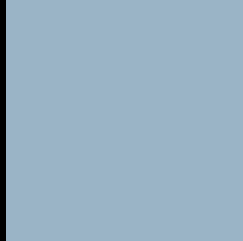
Large Text (above 18pt) WCAG AA × Fail

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, 13.048, 247.879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

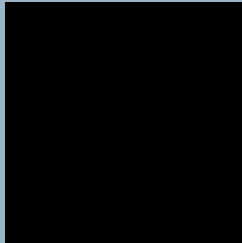
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

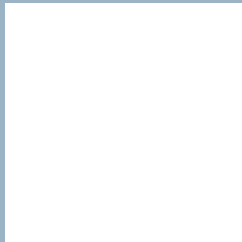
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 13.048, 247.879

Background



This preview shows how black text looks on a background with the CIELCh color 72, 13.048, 247.879.



This preview shows how white text looks on a background with the CIELCh color 72, 13.048, 247.879.

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, 13.048, 247.879

Protanopia
72, 10.900, 289.367

Deuteranopia
72, 15.742, 304.701



Tritanopia
72, 11.877, 238.939

Trichromacy



Original Color
72, 13.048, 247.879

Protanomaly
72, 10.849, 272.231

Deuteranomaly
72, 13.101, 286.826

Tritanomaly
72, 12.200, 241.061

Monochromacy



Original Color
72, 13.048, 247.879

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.980, 249.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 13.048, 247.879 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(154, 180, 198)` looks like.

```
.text, #text, p{  
    color:rgb(154, 180, 198)  
}
```

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(154, 180, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 180, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 13.048, 247.879 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(154, 180, 198) }
```

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

```
.border{ border-color:rgb(154, 180, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 180, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 180, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 180, 198);  
box-shadow:4px 4px 4px 4px rgb(154, 180,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 13.048, 247.879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 180, 198) }
```

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

```
.background{ background-color: rgb(154,  
180, 198) }
```

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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