

Converting Colors

CIELCh(72, 18.246, 233.182)

Have a look what the booklet for
CIELCh(72, 18.246, 233.182)
contains.

CIELCh(72, 18.246, 233.182)	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, 18.246, 233.182)

Conversions

Conversions Part 1

Format	Color
Hex	89B8CB
RGB	137, 184, 203
RGB Percent	54%, 72%, 80%
CMY	0.4645, 0.2802, 0.2058
CMYK	0.33, 0.09, 0.00, 0.21
HSL	197°, 39%, 66%
HSV	197°, 33%, 79%
XYZ	38.0104, 43.6590, 62.6309
YIQ	172.1130, -34.1110, -4.0550

Conversions

Conversions Part 2

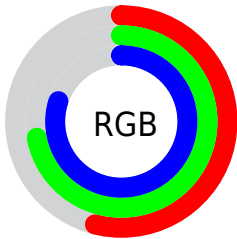
Format	Color
RYB	137, 164, 203
Decimal	9025739
CIELab	72.00, -10.93, -14.61
CIElCh	72, 18.246, 233.182
Yxy	43.6590, 0.2634, 0.3026
Android (android.graphics.Color)	4287215819 (0xFF89B8CB)
YUV	172.1130, 15.2273, -30.7941
Hunter-Lab	66.0750, -12.9470, -9.9471

Details

The CIELCh color `72, 18.246, 233.182` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `68, 22.354, 48.344`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 17.182, 225.536`, and `52, 18.341, 233.159` is the 20% darker color. If you saturate the color by 10%, you get `69, 23.028, 234.742`, and if you desaturate by 10%, it is `75, 13.024, 231.958`.

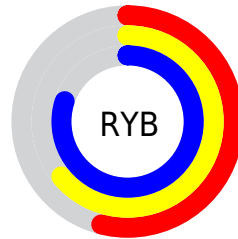
Distribution



Red (54%)

Green (72%)

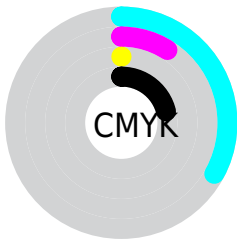
Blue (80%)



Red (54%)

Yellow (64%)

Blue (80%)

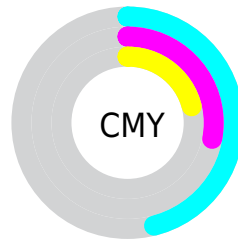


Cyan (33%)

Magenta (9%)

Yellow (0%)

Black (21%)



Cyan (46%)


Magenta (28%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 18.246, 233.182 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, 18.246, 233.182 by changing the saturation by 10% instead.


 72, 18.246,
233.182


 72, 18.246,
233.182


 100, 18.246,
233.182


 62, 18.246,
233.182


 92, 18.246,
233.182

 52, 18.246,
233.182

 42, 18.246,
233.182

 32, 18.246,
233.182

 22, 18.246,
233.182

 12, 18.246,
233.182

 2, 18.246, 233.182

0, 18.246, 233.182

72, 18.246,
233.182

72, 18.246,
233.182

69, 23.028,
234.742

75, 13.024,
231.958

67, 27.304,
236.728

78, 7.438, 231.026

64, 31.023,
239.227

81, 1.560, 230.538

84, 4.546, 49.511

62, 34.170,
242.328

87, 10.825, 49.126

60, 36.786,
246.103

90, 16.189, 50.763

91, 16.242, 63.557

58, 38.986,
250.562

93, 17.087, 75.624

■ 56, 40.511,
254.147

■ 94, 18.610, 86.079

Harmonies

Complementary

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



72, 18.246, 233.182



68, 22.354, 48.344

Rectangle

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



72, 18.246, 233.182



72, 18.246, 283.182



72, 18.246, 53.182



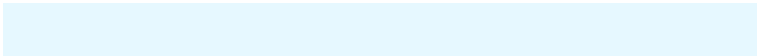
72, 18.246, 103.182

Sweetspot

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



72, 18.246, 233.178



96, 7.167, 230.842



76, 35.182, 150.970



51, 4.875, 230.947



0, 0.000, 0.000



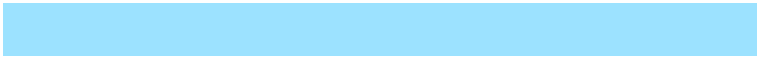
53, 0.007, 296.813

Same Dimension

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



72, 18.246, 233.178



86, 25.716, 234.224



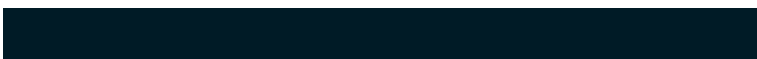
63, 29.121, 284.132



41, 3.398, 230.790



47, 34.695, 253.358



8, 11.992, 241.900

Inverse Universe

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



65, 35.414, 336.131



76, 50.867, 336.697



76, 28.151, 95.520



40, 6.163, 334.396



37, 67.495, 343.827



4, 22.955, 340.045

Previews

White Background



This preview shows how the CIELCh color 72, 18.246, 233.182 looks on a white background.

Color Contrast Check

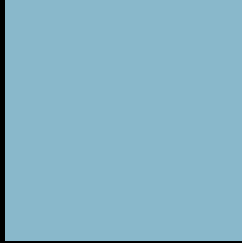
Large Text (above 18pt) WCAG AA × Fail

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, 18.246, 233.182 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, 18.246, 233.182

Background



This preview shows how black text looks on a background with the CIELCh color 72, 18.246, 233.182.

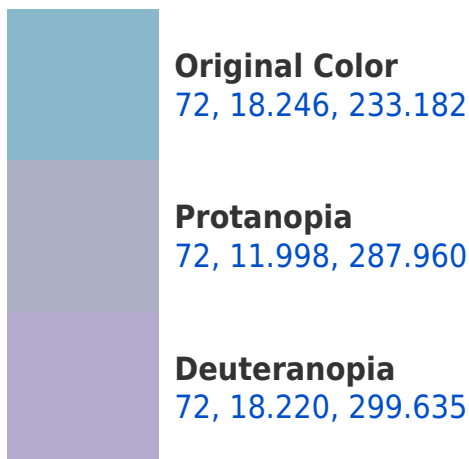


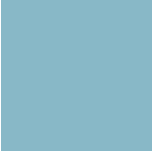
This preview shows how white text looks on a background with the CIELCh color 72, 18.246, 233.182.

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](#).

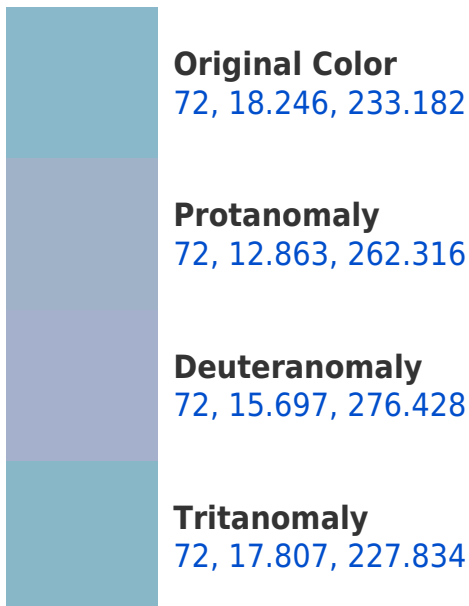
Dichromacy



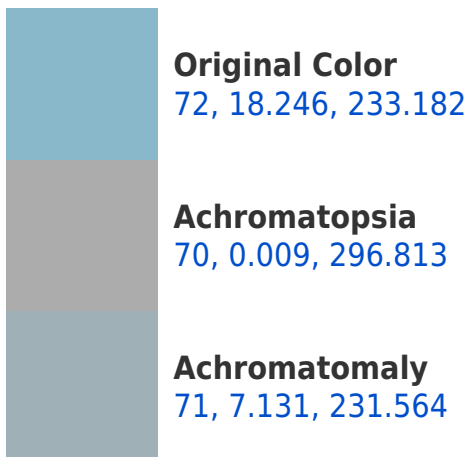


Tritanopia
72, 17.608, 226.153

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 18.246, 233.182 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(137, 184, 203)` looks like.

```
.text, #text, p{  
    color:rgb(137, 184, 203)  
}
```

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(137, 184, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 184, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 18.246, 233.182 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(137, 184, 203) }
```

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

```
.border{ border-color:rgb(137, 184, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 184, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 184, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 184, 203);  
box-shadow:4px 4px 4px 4px rgb(137, 184,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 18.246, 233.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 184, 203) }
```

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

```
.background{ background-color: rgb(137,  
184, 203) }
```

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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