

Converting Colors

CIELCh(72, 18.374, 201.927)

Have a look what the booklet for
CIELCh(72, 18.374, 201.927)
contains.

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Color

CIELCh(72, 18.291, 201.442)

Conversions

Conversions Part 1

Format	Color
Hex	84BABC
RGB	132, 186, 188
RGB Percent	52%, 73%, 74%
CMY	0.4823, 0.2705, 0.2627
CMYK	0.30, 0.01, 0.00, 0.26
HSL	182°, 29%, 63%
HSV	182°, 30%, 74%
XYZ	36.1560, 43.6590, 54.1032
YIQ	170.0820, -32.8260, -10.8260

Conversions

Conversions Part 2

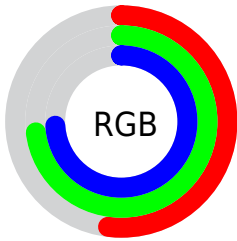
Format	Color
RYB	132, 159, 188
Decimal	8698556
CIELab	72.00, -17.03, -6.69
CIELCh	72, 18.291, 201.442
Yxy	43.6590, 0.2700, 0.3260
Android (android.graphics.Color)	4286888636 (0xFF84BABC)
YUV	170.0820, 8.8336, -33.3979
Hunter-Lab	66.0750, -17.9566, -2.2950

Details

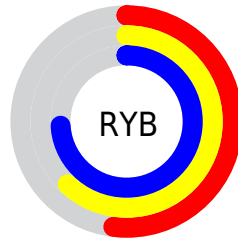
The CIELCh color **72, 18.291, 201.442** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61, 22.467, 24.527**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 18.139, 201.561**, and **52, 18.292, 201.285** is the 20% darker color. If you saturate the color by 10%, you get **71, 23.410, 201.209**, and if you desaturate by 10%, it is **73, 12.588, 201.752**.

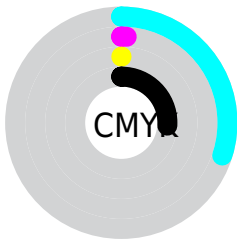
Distribution



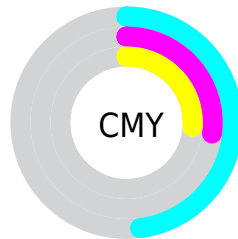
- Red (52%)
- Green (73%)
- Blue (74%)



- Red (52%)
- Yellow (62%)
- Blue (74%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)





- Cyan (48%)
- Magenta (27%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 18.291, 201.442 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, 18.291, 201.442 by changing the saturation by 10% instead.

 72, 18.291,
201.442

 72, 18.291,
201.442


 100, 18.291,
201.442

 62, 18.291,
201.442


 92, 18.291,
201.442

 52, 18.291,
201.442

 42, 18.291,
201.442

 32, 18.291,
201.442

 22, 18.291,
201.442

 12, 18.291,
201.442

 2, 18.291, 201.442

0, 18.291, 201.442

72, 18.291,
201.442

72, 18.291,
201.442

71, 23.410,
201.209

73, 12.588,
201.752

70, 27.842,
201.074

75, 6.408, 202.160

69, 31.498,
201.046

76, 0.146, 18.855

78, 6.979, 22.881

68, 34.320,
201.136

80, 14.010, 23.412

68, 36.287,
201.354

82, 21.172, 23.939

83, 24.981, 24.591

67, 37.434,
201.707

83, 24.755, 25.396

■ 67, 37.943,
202.174

■ 83, 24.535, 26.215

■ 67, 37.953,
202.185

Harmonies

Complementary

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



72, 18.291, 201.442



61, 22.467, 24.527

Rectangle

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



72, 18.291, 201.442



72, 18.291, 251.442



72, 18.291, 21.442



72, 18.291, 71.442

Sweetspot

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



72, 18.291, 201.438



95, 7.316, 202.190



71, 36.314, 143.266



50, 5.063, 202.121



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 18.291, 201.438



90, 26.632, 201.272



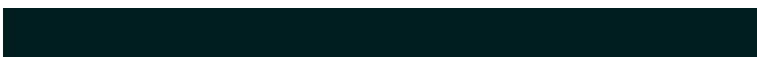
64, 18.514, 263.625



39, 3.727, 202.180



57, 33.407, 202.105



9, 11.111, 201.310

Inverse Universe

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



62, 36.259, 327.041



76, 54.059, 327.406



68, 19.751, 75.155



37, 6.899, 325.900



37, 78.647, 329.684



3, 20.754, 326.705

Previews

White Background



This preview shows how the CIELCh color 72, 18.291, 201.442 looks on a white background.

Color Contrast Check

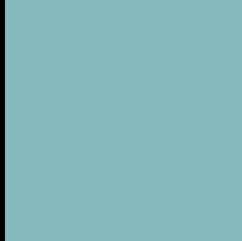
Large Text (above 18pt) WCAG AA × Fail

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, 18.291, 201.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

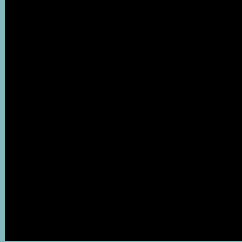
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 18.291, 201.442

Background



This preview shows how black text looks on a background with the CIELCh color 72, 18.291, 201.442.

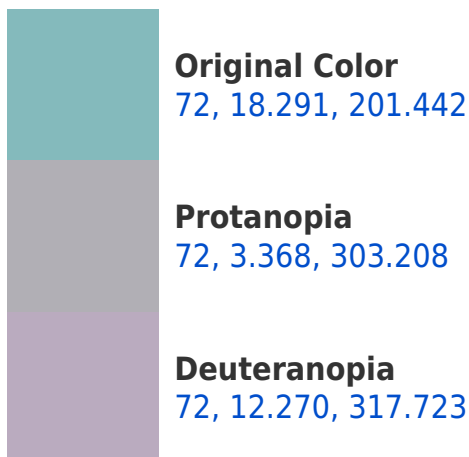


This preview shows how white text looks on a background with the CIELCh color 72, 18.291, 201.442.

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, 17.871, 225.693

Trichromacy



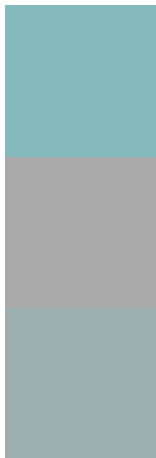
Original Color
72, 18.291, 201.442

Protanomaly
72, 6.967, 222.068

Deuteranomaly
71, 8.353, 265.625

Tritanomaly
72, 17.684, 216.237

Monochromacy



Original Color
72, 18.291, 201.442

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.273, 203.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 18.291, 201.442 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(132, 186, 188)` looks like.

```
.text, #text, p{  
    color:rgb(132, 186, 188)  
}
```

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(132, 186, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 186, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 18.291, 201.442 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(132, 186, 188) }
```

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

```
.border{ border-color:rgb(132, 186, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 186, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 186, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 186, 188); box-shadow:4px 4px 4px 4px rgb(132, 186, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 18.291, 201.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 186, 188) }
```

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

```
.background{ background-color: rgb(132,  
186, 188) }
```

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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