

Converting Colors

CIELCh(72, 17.364, 202.951)

Have a look what the booklet for
CIELCh(72, 17.364, 202.951)
contains.

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Color

CIELCh(72, 17.383, 201.691)

Conversions

Conversions Part 1

Format	Color
Hex	87BABC
RGB	135, 186, 188
RGB Percent	53%, 73%, 74%
CMY	0.4723, 0.2723, 0.2645
CMYK	0.28, 0.01, 0.00, 0.26
HSL	182°, 28%, 63%
HSV	182°, 28%, 74%
XYZ	36.4180, 43.6590, 53.8355
YIQ	170.9790, -31.0380, -10.1900

Conversions

Conversions Part 2

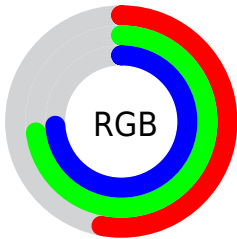
Format	Color
RYB	135, 161, 188
Decimal	8895164
CIELab	72.00, -16.15, -6.42
CIELCh	72, 17.383, 201.691
Yxy	43.6590, 0.2720, 0.3260
Android (android.graphics.Color)	4287085244 (0xFF87BABC)
YUV	170.9790, 8.3914, -31.5536
Hunter-Lab	66.0750, -17.2488, -2.0549

Details

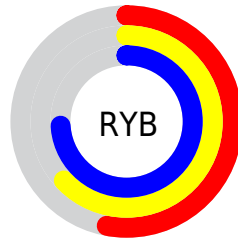
The CIELCh color **72, 17.383, 201.691** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 21.104, 24.531**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 17.225, 201.794**, and **52, 17.429, 201.549** is the 20% darker color. If you saturate the color by 10%, you get **71, 22.578, 201.455**, and if you desaturate by 10%, it is **73, 11.623, 202.005**.

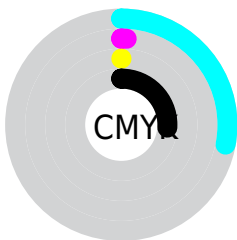
Distribution



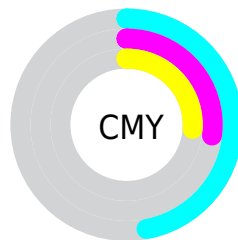
- Red (53%)
- Green (73%)
- Blue (74%)



- Red (53%)
- Yellow (63%)
- Blue (74%)



- Cyan (28%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)





- Cyan (47%)
- Magenta (27%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 17.383, 201.691 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, 17.383, 201.691 by changing the saturation by 10% instead.


 72, 17.383,
201.691


 72, 17.383,
201.691


 100, 17.383,
201.691


 62, 17.383,
201.691


 92, 17.383,
201.691

 52, 17.383,
201.691

 42, 17.383,
201.691

 32, 17.383,
201.691

 22, 17.383,
201.691

 12, 17.383,
201.691

 2, 17.383, 201.691

0, 17.383, 201.691

72, 17.383,
201.691

72, 17.383,
201.691

71, 22.578,
201.455

73, 11.623,
202.005

70, 27.103,
201.318

75, 5.404, 202.424

69, 30.867,
201.288

76, 1.172, 22.295

78, 8.014, 23.140

68, 33.806,
201.377

80, 15.043, 23.661

68, 35.892,
201.597

82, 22.193, 24.183

83, 25.086, 24.889

67, 37.152,
201.956

83, 24.850, 25.736

■ 67, 37.713,
202.444

■ 83, 24.620, 26.601

■ 67, 37.787,
202.534

Harmonies

Complementary

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



72, 17.383, 201.691



62, 21.104, 24.531

Rectangle

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



72, 17.383, 201.691



72, 17.383, 251.691



72, 17.383, 21.691



72, 17.383, 71.691

Sweetspot

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



72, 17.383, 201.687



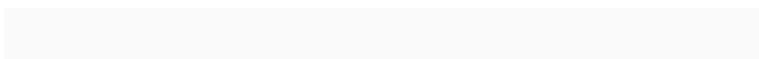
95, 6.507, 202.431



71, 34.392, 143.399



50, 4.605, 202.356



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, 17.383, 201.687



91, 25.323, 201.530



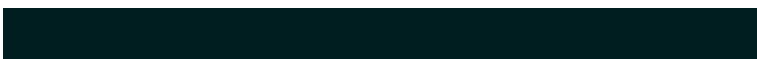
65, 17.536, 263.324



39, 3.719, 202.370



57, 33.321, 202.451



9, 11.081, 201.587

Inverse Universe

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



63, 34.298, 327.016



77, 51.074, 327.357



68, 18.639, 75.355



37, 6.890, 325.957



37, 78.523, 329.770



3, 20.712, 326.780

Previews

White Background



This preview shows how the CIELCh color 72, 17.383, 201.691 looks on a white background.

Color Contrast Check

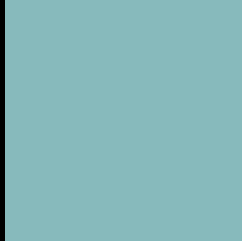
Large Text (above 18pt) WCAG AA × Fail

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, 17.383, 201.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

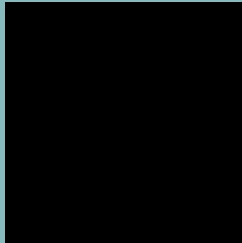
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 17.383, 201.691

Background



This preview shows how black text looks on a background with the CIELCh color 72, 17.383, 201.691.

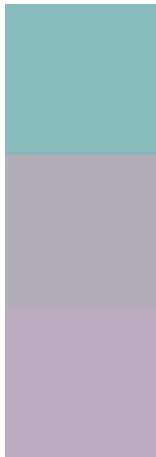


This preview shows how white text looks on a background with the CIELCh color 72, 17.383, 201.691.

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](#).

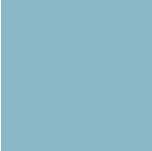
Dichromacy



Original Color
72, 17.383, 201.691

Protanopia
72, 3.368, 303.208

Deuteranopia
72, 12.270, 317.723



Tritanopia
72, 17.345, 226.629

Trichromacy



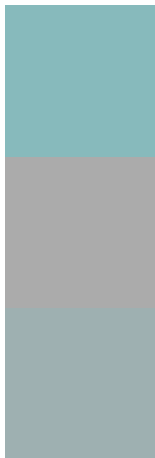
Original Color
72, 17.383, 201.691

Protanomaly
72, 6.470, 218.743

Deuteranomaly
72, 8.217, 267.874

Tritanomaly
72, 17.116, 216.895

Monochromacy



Original Color
72, 17.383, 201.691

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 6.569, 203.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 17.383, 201.691 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(135, 186, 188)` looks like.

```
.text, #text, p{  
    color:rgb(135, 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(135, 186, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 186, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 17.383, 201.691 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(135, 186, 188) }
```

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

```
.border{ border-color:rgb(135, 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(135, 186, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 186, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 186, 188);  
box-shadow:4px 4px 4px 4px rgb(135, 186,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 17.383, 201.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 186, 188) }
```

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

```
.background{ background-color: rgb(135,  
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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