

Converting Colors

CIELCh(72, 20.917, 179.163)

Have a look what the booklet for
CIELCh(72, 20.917, 179.163)
contains.

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Color

CIELCh(72, 20.805, 179.372)

Conversions

Conversions Part 1

Format	Color
Hex	83BBAF
RGB	131, 187, 175
RGB Percent	51%, 73%, 69%
CMY	0.4849, 0.2652, 0.3123
CMYK	0.30, 0.00, 0.06, 0.27
HSL	167°, 29%, 62%
HSV	167°, 30%, 73%
XYZ	35.0364, 43.6590, 47.3232
YIQ	168.8880, -29.5240, -15.6040

Conversions

Conversions Part 2

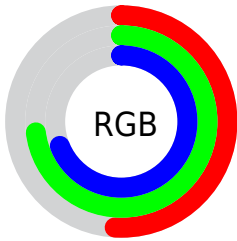
Format	Color
RYB	131, 162, 187
Decimal	8633263
CIELab	72.00, -20.80, 0.23
CIElCh	72, 20.805, 179.372
Yxy	43.6590, 0.2780, 0.3464
Android (android.graphics.Color)	4286823343 (0xFF83BBAF)
YUV	168.8880, 3.0132, -33.2278
Hunter-Lab	66.0750, -20.9811, 3.7887

Details

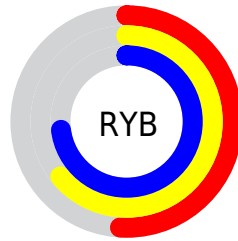
The CIELCh color **72, 20.805, 179.372** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61, 23.409, 5.463**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 20.885, 179.193**, and **52, 20.958, 179.450** is the 20% darker color. If you saturate the color by 10%, you get **71, 27.049, 178.300**, and if you desaturate by 10%, it is **73, 14.127, 180.374**.

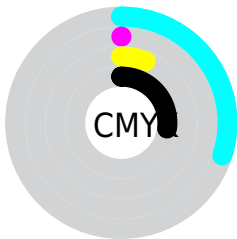
Distribution



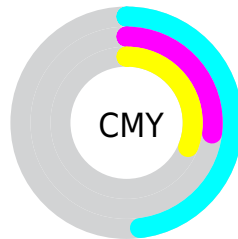
- Red (51%)
- Green (73%)
- Blue (69%)



- Red (51%)
- Yellow (64%)
- Blue (73%)



- Cyan (30%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)





- Cyan (48%)
- Magenta (27%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 20.805, 179.372 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, 20.805, 179.372 by changing the saturation by 10% instead.


 72, 20.805,
179.372


 72, 20.805,
179.372


 100, 20.805,
179.372


 62, 20.805,
179.372


 92, 20.805,
179.372

 52, 20.805,
179.372

 42, 20.805,
179.372

 32, 20.805,
179.372

 22, 20.805,
179.372

 12, 20.805,
179.372

 2, 20.805, 179.372

0, 20.805, 179.372

72, 20.805,
179.372

72, 20.805,
179.372

71, 27.049,
178.300

73, 14.127,
180.374

70, 32.734,
177.147

75, 7.129, 181.344

69, 37.753,
175.888

76, 0.082, 356.249

78, 7.410, 2.953

69, 42.016,
174.501

79, 14.783, 3.802

68, 45.480,
172.961

81, 22.140, 4.600

83, 26.695, 3.294

68, 48.157,
171.251

83, 27.250,

■ 68, 50.224,
169.412

359.008

■ 68, 50.245,
169.393

■ 83, 27.963,
354.926

Harmonies

Complementary

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



72, 20.805, 179.372



61, 23.409, 5.463

Rectangle

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



72, 20.805, 179.372



72, 20.805, 229.372



72, 20.805, 359.372



72, 20.805, 49.372

Sweetspot

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



72, 20.806, 179.369



95, 8.064, 181.417



72, 34.700, 136.779



50, 5.592, 181.274



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, 20.806, 179.369



91, 30.614, 178.661



68, 15.853, 232.184



39, 4.109, 181.397



58, 44.159, 169.660



9, 13.290, 175.045

Inverse Universe

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



61, 23.409, 5.463



74, 35.455, 6.490



64, 19.064, 47.967



37, 4.256, 2.965



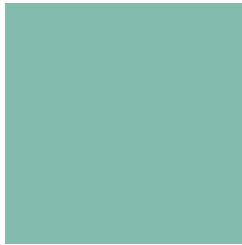
33, 64.034, 27.626



3, 12.569, 7.255

Previews

White Background



This preview shows how the CIELCh color 72, 20.805, 179.372 looks on a white background.

Color Contrast Check

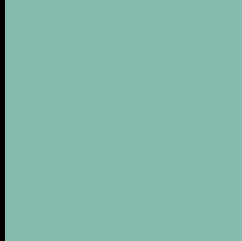
Large Text (above 18pt) WCAG AA × Fail

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, 20.805, 179.372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

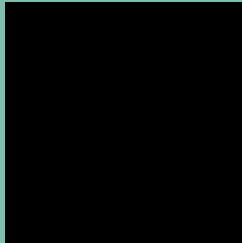
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

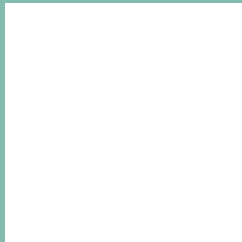
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 20.805, 179.372

Background



This preview shows how black text looks on a background with the CIELCh color 72, 20.805, 179.372.

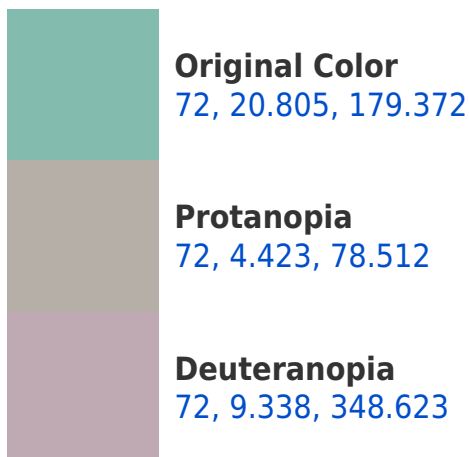


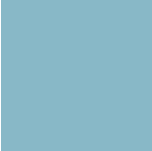
This preview shows how white text looks on a background with the CIELCh color 72, 20.805, 179.372.

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



Original Color
72, 20.805, 179.372

Protanomaly
72, 7.430, 162.965

Deuteranomaly
71, 2.788, 222.439

Tritanomaly
72, 17.376, 207.189

Monochromacy



Original Color
72, 20.805, 179.372

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 8.249, 179.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 20.805, 179.372 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(131, 187, 175)` looks like.

```
.text, #text, p{  
    color:rgb(131, 187, 175)  
}
```

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(131, 187, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 187, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 20.805, 179.372 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(131, 187, 175) }
```

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

```
.border{ border-color:rgb(131, 187, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 187, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 187, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 187, 175);  
box-shadow:4px 4px 4px 4px rgb(131, 187,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 20.805, 179.372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 187, 175) }
```

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

```
.background{ background-color: rgb(131,  
187, 175) }
```

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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