

Converting Colors

CIELCh(72, 18.565, 208.237)

Have a look what the booklet for
CIELCh(72, 18.565, 208.237)
contains.

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Color

CIELCh(72, 18.571, 208.238)

Conversions

Conversions Part 1

Format	Color
Hex	83BAC0
RGB	131, 186, 192
RGB Percent	51%, 73%, 75%
CMY	0.4869, 0.2712, 0.2477
CMYK	0.32, 0.03, 0.00, 0.25
HSL	186°, 33%, 63%
HSV	186°, 32%, 75%
XYZ	36.3552, 43.6590, 56.2837
YIQ	170.2390, -34.7060, -9.7940

Conversions

Conversions Part 2

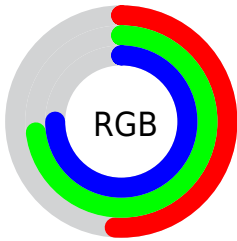
Format	Color
RYB	131, 160, 192
Decimal	8633024
CIELab	72.00, -16.36, -8.79
CIELCh	72, 18.571, 208.238
Yxy	43.6590, 0.2667, 0.3203
Android (android.graphics.Color)	4286823104 (0xFF83BAC0)
YUV	170.2390, 10.7282, -34.4126
Hunter-Lab	66.0750, -17.4184, -4.2516

Details

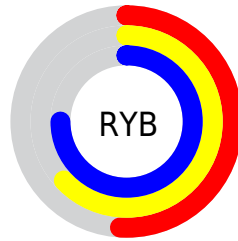
The CIELCh color **72, 18.571, 208.238** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 23.286, 29.819**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 18.460, 208.027**, and **52, 18.758, 208.438** is the 20% darker color. If you saturate the color by 10%, you get **71, 23.348, 208.407**, and if you desaturate by 10%, it is **74, 13.211, 208.206**.

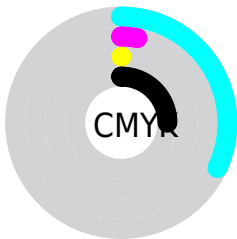
Distribution



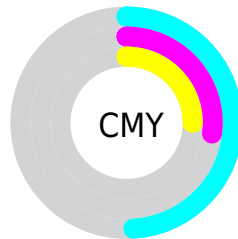
- Red (51%)
- Green (73%)
- Blue (75%)



- Red (51%)
- Yellow (63%)
- Blue (75%)



- Cyan (32%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)





- Cyan (49%)
- Magenta (27%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 18.571, 208.238 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, 18.571, 208.238 by changing the saturation by 10% instead.


 72, 18.571,
208.238


 72, 18.571,
208.238


 100, 18.571,
208.238


 62, 18.571,
208.238


 92, 18.571,
208.238

 52, 18.571,
208.238

 42, 18.571,
208.238

 32, 18.571,
208.238

 22, 18.571,
208.238

 12, 18.571,
208.238

 2, 18.571, 208.238

0, 18.571, 208.238

72, 18.571,
208.238

72, 18.571,
208.238

71, 23.348,
208.407

74, 13.211,
208.206

69, 27.441,
208.753

75, 7.371, 208.310

68, 30.765,
209.305

77, 1.150, 208.867

79, 5.363, 28.528

67, 33.263,
210.100

81, 12.090, 28.866

66, 34.922,
211.176

84, 18.968, 29.204

85, 21.967, 30.793

65, 35.787,
212.567

85, 21.468, 33.590

■ 65, 36.071,
213.907

■ 86, 21.024, 36.513

Harmonies

Complementary

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



72, 18.571, 208.238



62, 23.286, 29.819

Rectangle

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



72, 18.571, 208.238



72, 18.571, 258.238



72, 18.571, 28.238



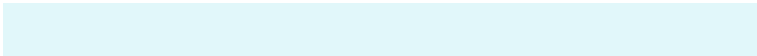
72, 18.571, 78.238

Sweetspot

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



72, 18.571, 208.234



96, 7.781, 208.342



72, 38.044, 144.474



51, 5.287, 208.314



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 18.571, 208.234



90, 26.712, 208.335



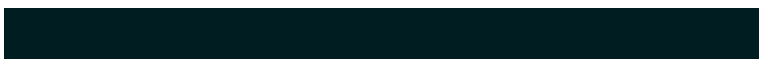
64, 21.253, 268.975



40, 3.596, 208.360



55, 31.661, 213.650



9, 11.177, 209.637

Inverse Universe

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



62, 37.673, 329.056



76, 55.508, 329.452



70, 22.207, 79.734



38, 6.755, 327.733



37, 75.795, 332.528



4, 22.091, 329.892

Previews

White Background



This preview shows how the CIELCh color 72, 18.571, 208.238 looks on a white background.

Color Contrast Check

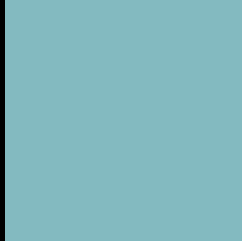
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 72, 18.571, 208.238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

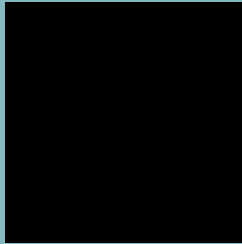
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

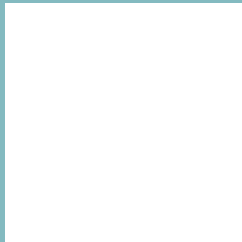
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 18.571, 208.238

Background



This preview shows how black text looks on a background with the CIELCh color 72, 18.571, 208.238.

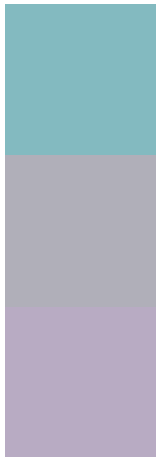


This preview shows how white text looks on a background with the CIELCh color 72, 18.571, 208.238.

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](#).

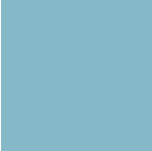
Dichromacy



Original Color
72, 18.571, 208.238

Protanopia
72, 5.472, 294.557

Deuteranopia
72, 13.978, 311.036



Tritanopia
72, 18.484, 222.744

Trichromacy



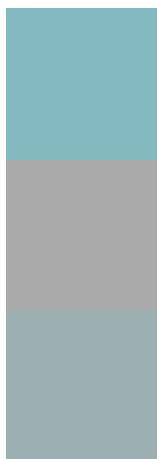
Original Color
72, 18.571, 208.238

Protanomaly
72, 7.964, 232.279

Deuteranomaly
72, 10.465, 269.359

Tritanomaly
72, 18.350, 217.338

Monochromacy



Original Color
72, 18.571, 208.238

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.304, 207.523

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 18.571, 208.238 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, 186, 192)` looks like.

```
.text, #text, p{  
    color:rgb(131, 186, 192)  
}
```

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, 186, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 186, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 18.571, 208.238 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, 186, 192) }
```

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

```
.border{ border-color:rgb(131, 186, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 186, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 186, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 186, 192);  
box-shadow:4px 4px 4px 4px rgb(131, 186,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 18.571, 208.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 186, 192) }
```

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

```
.background{ background-color: rgb(131,  
186, 192) }
```

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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