

Converting Colors

CIELCh(72, 10.688, 201.991)

Have a look what the booklet for
CIELCh(72, 10.688, 201.991)
contains.

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Color

CIELCh(72, 10.675, 201.532)

Conversions

Conversions Part 1

Format	Color
Hex	98B6B7
RGB	152, 182, 183
RGB Percent	60%, 71%, 72%
CMY	0.4032, 0.2855, 0.2816
CMYK	0.17, 0.01, 0.00, 0.28
HSL	182°, 18%, 66%
HSV	182°, 17%, 72%
XYZ	38.3221, 43.6590, 51.3158
YIQ	173.1440, -18.2010, -6.0490

Conversions

Conversions Part 2

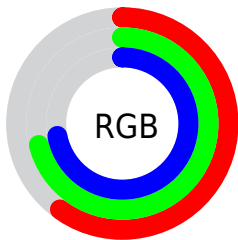
Format	Color
RYB	152, 167, 183
Decimal	10008247
CIELab	72.00, -9.93, -3.92
CIElCh	72, 10.675, 201.532
Yxy	43.6590, 0.2875, 0.3275
Android (android.graphics.Color)	4288198327 (0xFF98B6B7)
YUV	173.1440, 4.8590, -18.5433
Hunter-Lab	66.0750, -12.1049, 0.2061

Details

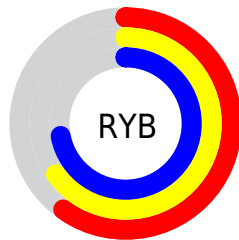
The CIELCh color $72, 10.675, 201.532$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $66, 11.921, 23.112$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 10.594, 201.575$, and $52, 10.796, 201.434$ is the 20% darker color. If you saturate the color by 10%, you get $71, 16.427, 201.171$, and if you desaturate by 10%, it is $73, 4.488, 201.987$.

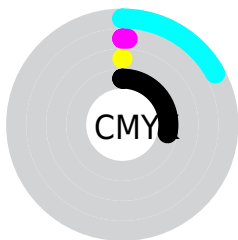
Distribution



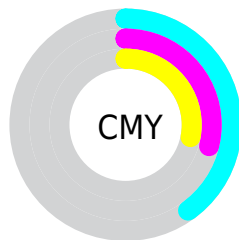
- Red (60%)
- Green (71%)
- Blue (72%)



- Red (60%)
- Yellow (65%)
- Blue (72%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)





- Cyan (40%)
- Magenta (29%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 10.675, 201.532 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, 10.675, 201.532 by changing the saturation by 10% instead.


 72, 10.675,
201.532


 72, 10.675,
201.532


 100, 10.675,
201.532


 62, 10.675,
201.532


 92, 10.675,
201.532

 52, 10.675,
201.532

 42, 10.675,
201.532

 32, 10.675,
201.532

 22, 10.675,
201.532

 12, 10.675,
201.532

 2, 10.675, 201.532

0, 10.675, 201.532

72, 10.675,
201.532

72, 10.675,
201.532

71, 16.427,
201.171

73, 4.488, 201.987

70, 21.636,
200.899

75, 2.039, 22.060

69, 26.200,
200.715

77, 8.815, 22.737

68, 30.027,
200.629

78, 15.765, 23.272

67, 33.051,
200.652

80, 22.825, 23.809

67, 35.241,
200.793

82, 27.096, 24.390

82, 26.895, 25.035

82, 26.698, 25.689

■ 66, 36.612,
201.059

■ 82, 26.505, 26.354

■ 66, 37.260,
201.447

■ 66, 37.400,
201.576

Harmonies

Complementary

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



72, 10.675, 201.532



66, 11.921, 23.112

Rectangle

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



72, 10.675, 201.532



72, 10.675, 251.532



72, 10.675, 21.532



72, 10.675, 71.532

Sweetspot

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



72, 10.676, 201.524



93, 4.014, 202.107



72, 20.423, 143.844



50, 2.757, 202.058



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 10.676, 201.524



90, 15.396, 201.395



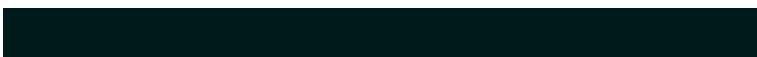
68, 10.180, 259.581



38, 3.656, 201.857



56, 33.160, 201.508



8, 9.992, 202.176

Inverse Universe

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



67, 20.229, 326.230



82, 29.508, 326.419



70, 10.581, 75.089



36, 6.761, 325.801



36, 77.928, 329.535



3, 18.221, 325.968

Previews

White Background



This preview shows how the CIELCh color 72, 10.675, 201.532 looks on a white background.

Color Contrast Check

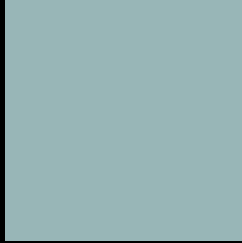
Large Text (above 18pt) WCAG AA × Fail

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, 10.675, 201.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

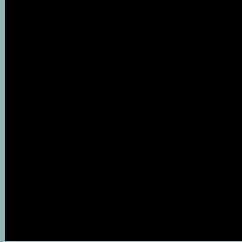
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

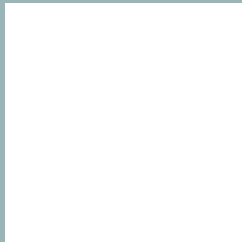
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 10.675, 201.532

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.675, 201.532.



This preview shows how white text looks on a background with the CIELCh color 72, 10.675, 201.532.

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, 10.675, 201.532

Protanopia

72, 2.468, 317.316

Deuteranopia

72, 10.600, 329.935



Tritanopia
72, 11.967, 242.146

Trichromacy



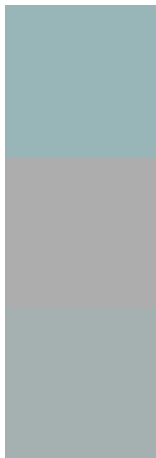
Original Color
72, 10.675, 201.532

Protanomaly
72, 3.654, 225.877

Deuteranomaly
72, 5.472, 294.557

Tritanomaly
72, 11.051, 228.412

Monochromacy



Original Color
72, 10.675, 201.532

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.074, 206.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.675, 201.532 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(152, 182, 183)` looks like.

```
.text, #text, p{  
    color:rgb(152, 182, 183)  
}
```

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(152, 182, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 182, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.675, 201.532 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(152, 182, 183) }
```

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

```
.border{ border-color:rgb(152, 182, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 182, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 182, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 182, 183);  
box-shadow:4px 4px 4px 4px rgb(152, 182,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.675, 201.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 182, 183) }
```

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

```
.background{ background-color: rgb(152,  
182, 183) }
```

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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