

Converting Colors

CIELCh(72, 13.234, 197.989)

Have a look what the booklet for
CIELCh(72, 13.234, 197.989)
contains.

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Color

CIELCh(72, 13.415, 196.026)

Conversions

Conversions Part 1

Format	Color
Hex	92B8B7
RGB	146, 184, 183
RGB Percent	57%, 72%, 72%
CMY	0.4285, 0.2795, 0.2834
CMYK	0.21, 0.00, 0.01, 0.28
HSL	178°, 21%, 65%
HSV	178°, 21%, 72%
XYZ	37.4071, 43.6590, 51.1040
YIQ	172.5240, -22.3270, -8.3670

Conversions

Conversions Part 2

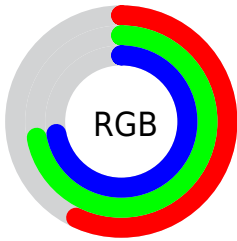
Format	Color
R_{YB}	146, 165, 184
Decimal	9615543
CIE _{Lab}	72.00, -12.89, -3.70
CIE _{LCh}	72, 13.415, 196.026
Yxy	43.6590, 0.2830, 0.3303
Android (android.graphics.Color)	4287805623 (0xFF92B8B7)
YUV	172.5240, 5.1647, -23.2615
Hunter-Lab	66.0750, -14.5768, 0.3961

Details

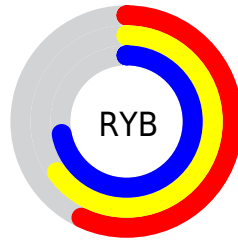
The CIELCh color **72, 13.415, 196.026** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 15.250, 18.812**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 13.256, 196.331**, and **52, 13.598, 195.572** is the 20% darker color. If you saturate the color by 10%, you get **71, 19.242, 195.456**, and if you desaturate by 10%, it is **73, 7.120, 196.636**.

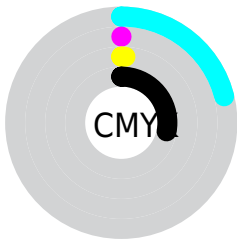
Distribution



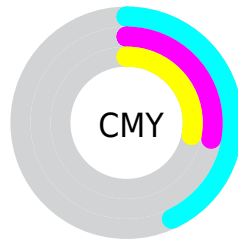
- Red (57%)
- Green (72%)
- Blue (72%)



- Red (57%)
- Yellow (65%)
- Blue (72%)



- Cyan (21%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)





- Cyan (43%)
- Magenta (28%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 13.415, 196.026 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, 13.415, 196.026 by changing the saturation by 10% instead.


 72, 13.415,
196.026

 72, 13.415,
196.026


 100, 13.415,
196.026


 62, 13.415,
196.026


 92, 13.415,
196.026

 52, 13.415,
196.026

 42, 13.415,
196.026

 32, 13.415,
196.026

 22, 13.415,
196.026

 12, 13.415,
196.026

 2, 13.415, 196.026

0, 13.415, 196.026

72, 13.415,
196.026

72, 13.415,
196.026

71, 19.242,
195.456

73, 7.120, 196.636

70, 24.489,
194.930

75, 0.462, 198.285

76, 6.462, 17.715

69, 29.055,
194.441

78, 13.568, 18.397

69, 32.851,
193.986

79, 20.783, 19.058

81, 27.669, 19.654

68, 35.823,
193.562

81, 27.649, 19.132

68, 37.955,
193.161

81, 27.631, 18.609

■ 68, 39.285,
192.776

■ 81, 27.616, 18.085

■ 68, 39.985,
192.422

Harmonies

Complementary

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



72, 13.415, 196.026



64, 15.250, 18.812

Rectangle

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



72, 13.415, 196.026



72, 13.415, 246.026



72, 13.415, 16.026



72, 13.415, 66.026

Sweetspot

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



72, 13.416, 196.020



94, 5.017, 196.964



71, 25.049, 142.298



50, 3.321, 196.913



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, 13.416, 196.020



91, 19.828, 195.748



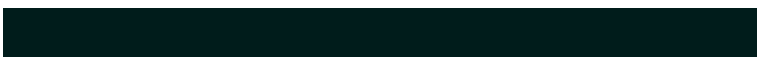
67, 11.916, 254.602



38, 3.787, 196.726



58, 35.349, 192.471



8, 10.592, 194.740

Inverse Universe

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



64, 15.250, 18.812



79, 23.281, 19.319



68, 12.724, 69.288



36, 4.003, 17.780



32, 70.870, 38.538



2, 10.646, 17.800

Previews

White Background



This preview shows how the CIELCh color 72, 13.415, 196.026 looks on a white background.

Color Contrast Check

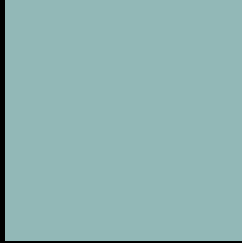
Large Text (above 18pt) WCAG AA × Fail

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, 13.415, 196.026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

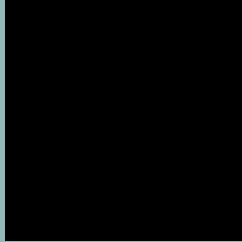
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

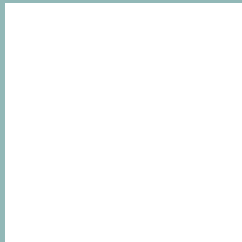
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 13.415, 196.026

Background



This preview shows how black text looks on a background with the CIELCh color 72, 13.415, 196.026.

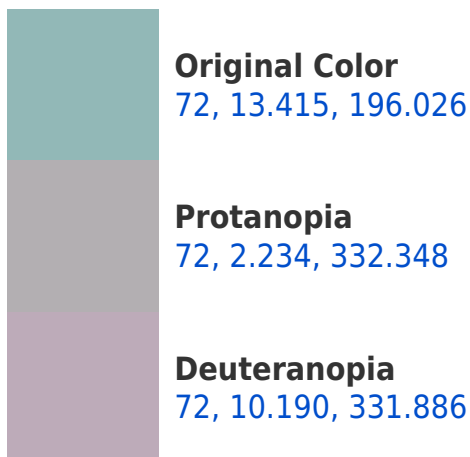


This preview shows how white text looks on a background with the CIELCh color 72, 13.415, 196.026.

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, 13.684, 232.687

Trichromacy



Original Color
72, 13.415, 196.026

Protanomaly
72, 4.155, 214.429

Deuteranomaly
72, 4.479, 276.439

Tritanomaly
72, 13.057, 218.102

Monochromacy



Original Color
72, 13.415, 196.026

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 5.142, 199.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 13.415, 196.026 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(146, 184, 183)` looks like.

```
.text, #text, p{  
    color:rgb(146, 184, 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(146, 184, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 184, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 13.415, 196.026 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(146, 184, 183) }
```

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

```
.border{ border-color:rgb(146, 184, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 184, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 184, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 184, 183);  
box-shadow:4px 4px 4px 4px rgb(146, 184,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 13.415, 196.026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 184, 183) }
```

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

```
.background{ background-color: rgb(146,  
184, 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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