

Converting Colors

CIELCh(72, 10.765, 219.262)

Have a look what the booklet for
CIELCh(72, 10.765, 219.262)
contains.

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Color

CIELCh(72, 10.629, 216.650)

Conversions

Conversions Part 1

Format	Color
Hex	99B6BC
RGB	153, 182, 188
RGB Percent	60%, 71%, 74%
CMY	0.4014, 0.2877, 0.2642
CMYK	0.19, 0.03, 0.00, 0.26
HSL	190°, 21%, 67%
HSV	190°, 19%, 74%
XYZ	38.7603, 43.6590, 53.7538
YIQ	174.0130, -19.2100, -4.2820

Conversions

Conversions Part 2

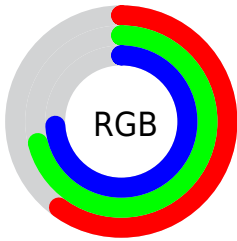
Format	Color
RYB	153, 169, 188
Decimal	10073788
CIELab	72.00, -8.53, -6.34
CIElCh	72, 10.629, 216.650
Yxy	43.6590, 0.2846, 0.3206
Android (android.graphics.Color)	4288263868 (0xFF99B6BC)
YUV	174.0130, 6.8956, -18.4284
Hunter-Lab	66.0750, -10.9212, -1.9815

Details

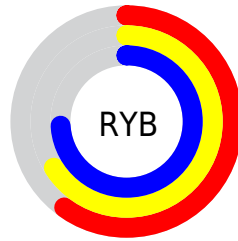
The CIELCh color **72, 10.629, 216.650** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 12.023, 36.157**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 10.554, 215.983**, and **52, 10.734, 217.496** is the 20% darker color. If you saturate the color by 10%, you get **70, 15.789, 217.046**, and if you desaturate by 10%, it is **74, 5.069, 216.434**.

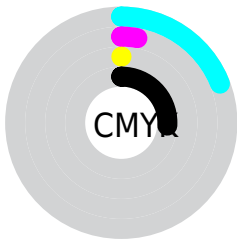
Distribution



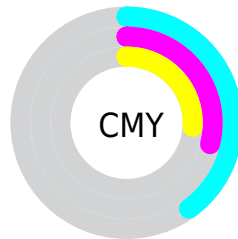
- Red (60%)
- Green (71%)
- Blue (74%)



- Red (60%)
- Yellow (66%)
- Blue (74%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)





- Cyan (40%)
- Magenta (29%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 10.629, 216.650 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, 10.629, 216.650 by changing the saturation by 10% instead.


 72, 10.629,
216.650


 72, 10.629,
216.650


 100, 10.629,
216.650


 62, 10.629,
216.650


 92, 10.629,
216.650

 52, 10.629,
216.650

 42, 10.629,
216.650

 32, 10.629,
216.650

 22, 10.629,
216.650

 12, 10.629,
216.650

 2, 10.629, 216.650

0, 10.629, 216.650

72, 10.629,
216.650

72, 10.629,
216.650

70, 15.789,
217.046

74, 5.069, 216.434

68, 20.456,
217.661

76, 0.809, 35.547

66, 24.540,
218.531

79, 6.930, 36.077

65, 27.959,
219.717

81, 13.231, 36.146

63, 30.651,
221.285

84, 19.660, 36.248

62, 32.596,
223.309

85, 22.247, 38.917

86, 21.698, 43.916

87, 21.327, 49.132

■ 60, 33.829,
225.857

■ 88, 21.142, 54.483

■ 59, 34.505,
228.920

■ 59, 34.589,
229.343

Harmonies

Complementary

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



72, 10.629, 216.650



68, 12.023, 36.157

Rectangle

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



72, 10.629, 216.650



72, 10.629, 266.650



72, 10.629, 36.650



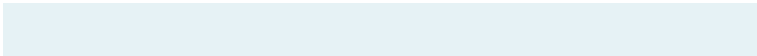
72, 10.629, 86.650

Sweetspot

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



72, 10.629, 216.642



95, 4.393, 216.431



73, 20.662, 148.142



50, 2.908, 216.428



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, 10.629, 216.642



91, 15.382, 216.770



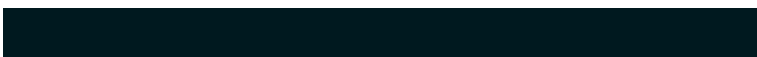
67, 13.406, 273.736



39, 3.331, 216.441



50, 30.467, 228.862



7, 9.609, 223.530

Inverse Universe

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



67, 20.656, 330.672



83, 30.270, 330.908



72, 13.457, 88.779



37, 6.278, 330.083



36, 70.847, 336.347



3, 18.131, 332.684

Previews

White Background



This preview shows how the CIELCh color 72, 10.629, 216.650 looks on a white background.

Color Contrast Check

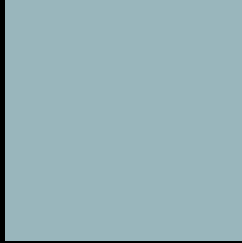
Large Text (above 18pt) WCAG AA × Fail

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, 10.629, 216.650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

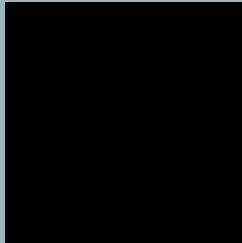
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

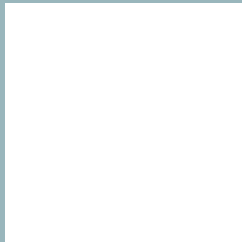
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 10.629, 216.650

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.629, 216.650.



This preview shows how white text looks on a background with the CIELCh color 72, 10.629, 216.650.

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, 10.629, 216.650

Protanopia
72, 4.975, 299.164

Deuteranopia
72, 11.965, 320.491



Tritanopia
72, 11.967, 242.146

Trichromacy



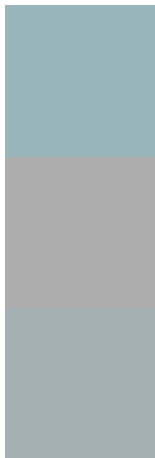
Original Color
72, 10.629, 216.650

Protanomaly
72, 5.392, 253.380

Deuteranomaly
72, 7.633, 290.929

Tritanomaly
72, 11.012, 231.888

Monochromacy



Original Color
72, 10.629, 216.650

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.159, 214.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.629, 216.650 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(153, 182, 188)` looks like.

```
.text, #text, p{  
    color:rgb(153, 182, 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(153, 182, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 182, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.629, 216.650 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(153, 182, 188) }
```

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

```
.border{ border-color:rgb(153, 182, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 182, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 182, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 182, 188);  
box-shadow:4px 4px 4px 4px rgb(153, 182,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.629, 216.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 182, 188) }
```

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

```
.background{ background-color: rgb(153,  
182, 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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