

Converting Colors

CIELCh(72, 9.664, 229.462)

Have a look what the booklet for
CIELCh(72, 9.664, 229.462) contains.

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Color

CIELCh(72, 9.948, 228.448)

Conversions

Conversions Part 1

Format	Color
Hex	9CB5BE
RGB	156, 181, 190
RGB Percent	61%, 71%, 75%
CMY	0.3895, 0.2914, 0.2562
CMYK	0.18, 0.05, 0.00, 0.26
HSL	196°, 21%, 68%
HSV	196°, 18%, 74%
XYZ	39.3684, 43.6590, 54.8837
YIQ	174.5510, -17.7890, -2.5010

Conversions

Conversions Part 2

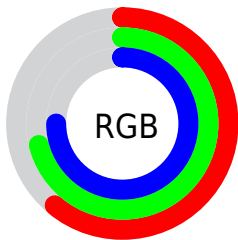
Format	Color
R_{YB}	156, 170, 190
Decimal	10270142
CIE _{Lab}	72.00, -6.60, -7.44
CIE _{LCh}	72, 9.948, 228.448
Yxy	43.6590, 0.2855, 0.3166
Android (android.graphics.Color)	4288460222 (0xFF9CB5BE)
YUV	174.5510, 7.6164, -16.2692
Hunter-Lab	66.0750, -9.2784, -2.9955

Details

The CIELCh color **72, 9.948, 228.448** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 11.079, 46.329**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 9.858, 227.208**, and **52, 10.088, 230.017** is the 20% darker color. If you saturate the color by 10%, you get **69, 15.060, 229.384**, and if you desaturate by 10%, it is **75, 4.504, 227.762**.

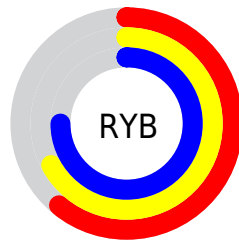
Distribution



Red (61%)

Green (71%)

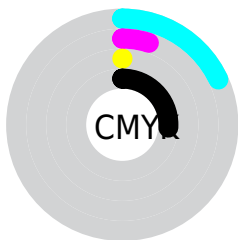
Blue (75%)



Red (61%)

Yellow (67%)

Blue (75%)

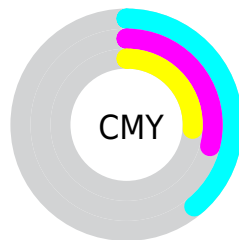


Cyan (18%)

Magenta (5%)

Yellow (0%)

Black (26%)



Cyan (39%)

Magenta (29%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 9.948, 228.448 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, 9.948, 228.448 by changing the saturation by 10% instead.

■ 72, 9.948, 228.448

■ 72, 9.948, 228.448

■ 100, 9.948,
228.448

■ 62, 9.948, 228.448

■ 92, 9.948, 228.448

■ 52, 9.948, 228.448

■ 42, 9.948, 228.448

■ 32, 9.948, 228.448

■ 22, 9.948, 228.448

■ 12, 9.948, 228.448

■ 2, 9.948, 228.448

■ 0, 9.948, 228.448

■ 72, 9.948, 228.448

■ 72, 9.948, 228.448

69, 15.060,
229.384

75, 4.504, 227.762

67, 19.766,
230.622

77, 1.202, 46.673

65, 23.993,
232.221

80, 7.111, 46.597

62, 27.676,
234.261

86, 19.337, 46.096

60, 30.776,
236.834

88, 20.481, 52.596

58, 33.295,
240.027

89, 20.482, 61.294

56, 35.297,
243.900

90, 20.959, 69.771

55, 36.942,
248.395

91, 21.876, 77.676

54, 37.289,

Harmonies

Complementary

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



72, 9.948, 228.448



70, 11.079, 46.329

Rectangle

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



72, 9.948, 228.448



72, 9.948, 278.448



72, 9.948, 48.448



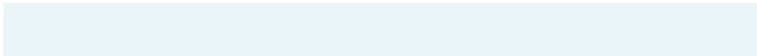
72, 9.948, 98.448

Sweetspot

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



72, 9.948, 228.439



96, 3.550, 227.648



74, 18.843, 151.080



51, 2.438, 227.670



99, 0.012, 296.813



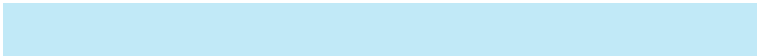
52, 0.007, 296.813

Same Dimension

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



72, 9.948, 228.439



90, 14.969, 228.825



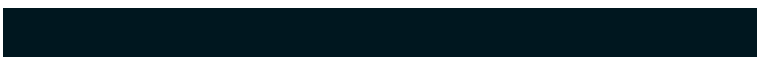
68, 14.304, 279.599



38, 3.199, 227.839



46, 32.441, 248.606



6, 9.524, 239.734

Inverse Universe

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



68, 18.751, 334.074



84, 28.601, 334.392



74, 14.135, 95.096



37, 5.875, 333.473



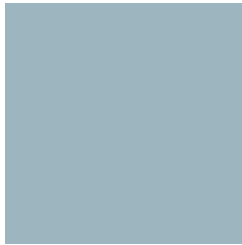
35, 66.246, 342.142



3, 16.589, 337.779

Previews

White Background



This preview shows how the CIELCh color 72, 9.948, 228.448 looks on a white background.

Color Contrast Check

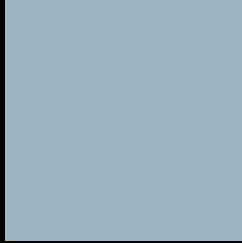
Large Text (above 18pt) WCAG AA × Fail

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, 9.948, 228.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

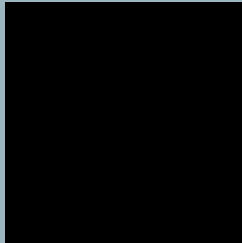
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

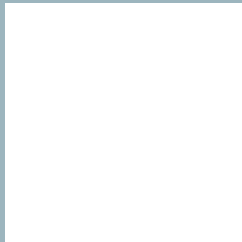
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 9.948, 228.448

Background



This preview shows how black text looks on a background with the CIELCh color 72, 9.948, 228.448.



This preview shows how white text looks on a background with the CIELCh color 72, 9.948, 228.448.

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, 9.948, 228.448

Protanopia

72, 6.016, 294.254

Deuteranopia

72, 12.756, 316.627



Tritanopia
72, 10.903, 243.500

Trichromacy



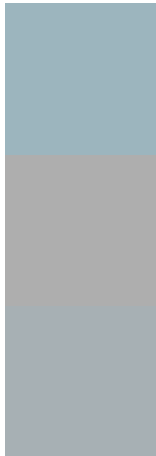
Original Color
72, 9.948, 228.448

Protanomaly
72, 6.114, 262.510

Deuteranomaly
72, 8.722, 291.033

Tritanomaly
72, 10.233, 238.773

Monochromacy



Original Color
72, 9.948, 228.448

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.920, 233.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 9.948, 228.448 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(156, 181, 190)` looks like.

```
.text, #text, p{  
    color:rgb(156, 181, 190)  
}
```

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(156, 181, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 181, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 9.948, 228.448 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(156, 181, 190) }
```

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

```
.border{ border-color:rgb(156, 181, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 181, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 181, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 181, 190);  
box-shadow:4px 4px 4px 4px rgb(156, 181,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 9.948, 228.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 181, 190) }
```

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

```
.background{ background-color: rgb(156,  
181, 190) }
```

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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