

Converting Colors

CIELCh(73, 10.023, 248.079)

Have a look what the booklet for
CIELCh(73, 10.023, 248.079)
contains.

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Color

CIELCh(73, 9.968, 248.951)

Conversions

Conversions Part 1

Format	Color
Hex	A3B6C4
RGB	163, 182, 196
RGB Percent	64%, 71%, 77%
CMY	0.3612, 0.2867, 0.2318
CMYK	0.17, 0.07, 0.00, 0.23
HSL	205°, 22%, 70%
HSV	205°, 17%, 77%
XYZ	41.7367, 45.1644, 58.6735
YIQ	177.9150, -15.8180, 0.3260

Conversions

Conversions Part 2

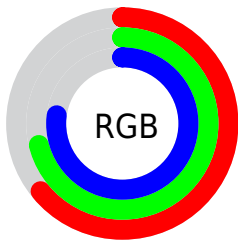
Format	Color
R_{YB}	163, 175, 196
Decimal	10729156
CIE Lab	73.00, -3.58, -9.30
CIE LCh	73, 9.968, 248.951
Yxy	45.1644, 0.2867, 0.3102
Android (android.graphics.Color)	4288919236 (0xFFA3B6C4)
YUV	177.9150, 8.9159, -13.0805
Hunter-Lab	67.2044, -6.7520, -4.7206

Details

The CIELCh color `73, 9.968, 248.951` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 10.629, 64.942`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 10.137, 249.088`, and `53, 9.849, 249.016` is the 20% darker color. If you saturate the color by 10%, you get `69, 15.667, 250.535`, and if you desaturate by 10%, it is `77, 4.099, 247.670`.

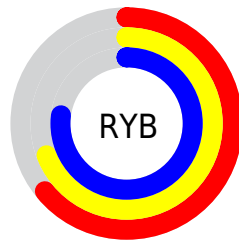
Distribution



Red (64%)

Green (71%)

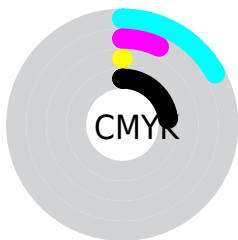
Blue (77%)



Red (64%)

Yellow (69%)

Blue (77%)

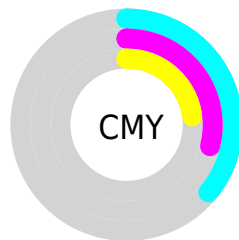


Cyan (17%)

Magenta (7%)

Yellow (0%)

Black (23%)



Cyan (36%)

Magenta (29%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 9.968, 248.951 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 73, 9.968, 248.951 by changing the saturation by 10% instead.

■ 73, 9.968, 248.951

■ 73, 9.968, 248.951

■ 100, 9.968,
248.951

■ 63, 9.968, 248.951

■ 93, 9.968, 248.951

■ 53, 9.968, 248.951

■ 43, 9.968, 248.951

■ 33, 9.968, 248.951

■ 23, 9.968, 248.951

■ 13, 9.968, 248.951

■ 3, 9.968, 248.951

■ 0, 9.968, 248.951

■ 73, 9.968, 248.951

■ 73, 9.968, 248.951

69, 15.667,
250.535

77, 4.099, 247.670

66, 21.158,
252.473

80, 1.898, 66.236

63, 26.407,
254.822

84, 7.989, 65.475

59, 31.393,
257.653

88, 14.143, 64.712

56, 36.123,
261.026

91, 18.757, 68.871

53, 40.644,
264.969

93, 20.497, 82.972

50, 45.049,
269.442

95, 23.260, 94.200

47, 49.475,
274.289

97, 26.709,
102.693

47, 50.921,

275.770

Harmonies

Complementary

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



73, 9.968, 248.951



73, 10.629, 64.942

Rectangle

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



73, 9.968, 248.951



73, 9.968, 298.951



73, 9.968, 68.951



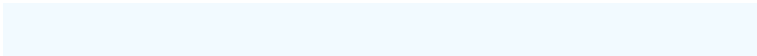
73, 9.968, 118.951

Sweetspot

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



73, 9.967, 248.942



98, 3.718, 247.494



76, 16.039, 158.081



52, 2.534, 247.562



0, 0.000, 0.000



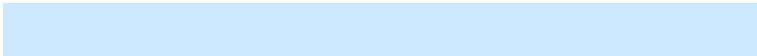
53, 0.007, 296.813

Same Dimension

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



73, 9.967, 248.942



91, 14.594, 249.459



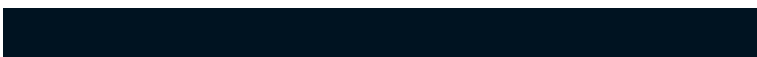
69, 16.651, 288.548



39, 3.356, 247.955



38, 43.411, 274.983



5, 11.815, 262.086

Inverse Universe

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



70, 16.182, 341.096



87, 23.859, 341.402



78, 16.136, 104.860



38, 5.363, 340.459



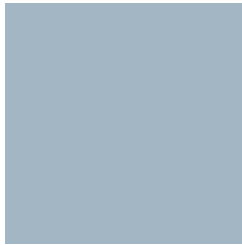
35, 61.354, 354.616



3, 16.586, 347.738

Previews

White Background



This preview shows how the CIELCh color 73, 9.968, 248.951 looks on a white background.

Color Contrast Check

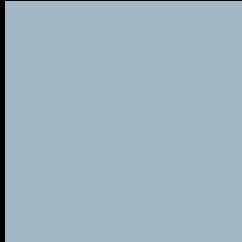
Large Text (above 18pt) WCAG AA × Fail

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 73, 9.968, 248.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

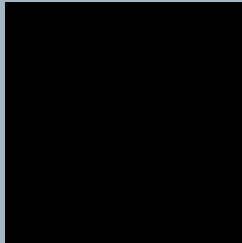
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

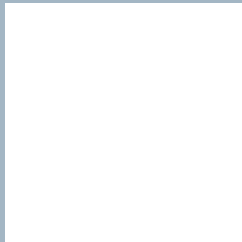
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 9.968, 248.951

Background



This preview shows how black text looks on a background with the CIELCh color 73, 9.968, 248.951.



This preview shows how white text looks on a background with the CIELCh color 73, 9.968, 248.951.

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

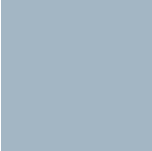
73, 9.968, 248.951

Protanopia

73, 8.152, 290.969

Deuteranopia

73, 13.559, 313.250



Tritanopia
73, 9.968, 248.951

Trichromacy



Original Color
73, 9.968, 248.951

Protanomaly
73, 8.383, 276.151

Deuteranomaly
73, 10.911, 294.982

Tritanomaly
73, 9.968, 248.951

Monochromacy



Original Color
73, 9.968, 248.951

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.897, 256.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 9.968, 248.951 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(163, 182, 196)` looks like.

```
.text, #text, p{  
    color:rgb(163, 182, 196)  
}
```

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(163, 182, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 182, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 9.968, 248.951 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(163, 182, 196) }
```

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

```
.border{ border-color:rgb(163, 182, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 182, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 182, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 182, 196);  
box-shadow:4px 4px 4px 4px rgb(163, 182,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 9.968, 248.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 182, 196) }
```

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

```
.background{ background-color: rgb(163,  
182, 196) }
```

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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