

Converting Colors

CIELCh(64, 18.959, 290.081)

Have a look what the booklet for
CIELCh(64, 18.959, 290.081)
contains.

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Color

CIELCh(64, 18.972, 290.080)

Conversions

Conversions Part 1

Format	Color
Hex	9799BB
RGB	151, 153, 187
RGB Percent	59%, 60%, 73%
CMY	0.4091, 0.4012, 0.2680
CMYK	0.19, 0.18, 0.00, 0.27
HSL	237°, 21%, 66%
HSV	237°, 19%, 73%
XYZ	32.9774, 32.8017, 51.4224
YIQ	156.2780, -12.1060, 10.1500

Conversions

Conversions Part 2

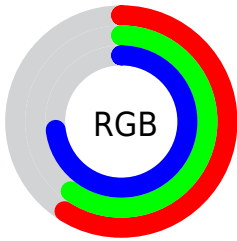
Format	Color
R_{YB}	151, 153, 187
Decimal	9935291
CIE _{Lab}	64.00, 6.51, -17.82
CIE _{LCh}	64, 18.972, 290.080
Yxy	32.8017, 0.2814, 0.2799
Android (android.graphics.Color)	4288125371 (0xFF9799BB)
YUV	156.2780, 15.1459, -4.6288
Hunter-Lab	57.2727, 2.5521, -13.1427

Details

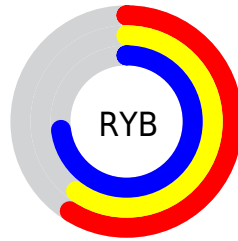
The CIELCh color $64, 18.972, 290.080$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $74, 18.247, 105.917$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 19.001, 290.779$, and $44, 19.183, 290.702$ is the 20% darker color. If you saturate the color by 10%, you get $58, 29.382, 291.529$, and if you desaturate by 10%, it is $70, 8.962, 288.846$.

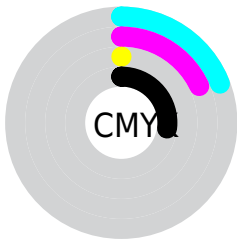
Distribution



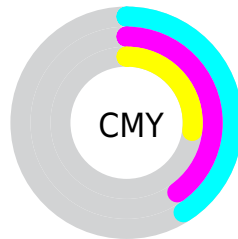
- Red (59%)
- Green (60%)
- Blue (73%)



- Red (59%)
- Yellow (60%)
- Blue (73%)



- Cyan (19%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (41%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 18.972, 290.080 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 64, 18.972, 290.080 by changing the saturation by 10% instead.

■ 64, 18.972,
290.080

■ 64, 18.972,
290.080

■ 100, 18.972,
290.080

■ 54, 18.972,
290.080

■ 84, 18.972,
290.080

■ 44, 18.972,
290.080

■ 94, 18.972,
290.080

■ 34, 18.972,
290.080

■ 24, 18.972,
290.080

■ 14, 18.972,
290.080

■ 4, 18.972, 290.080

■ 0, 18.972, 290.080

64, 18.972,
290.080

64, 18.972,
290.080

58, 29.382,
291.529

70, 8.962, 288.846

52, 40.225,
293.226

76, 0.674, 107.662

82, 9.966, 106.877

46, 51.510,
295.185

88, 18.940,
106.111

40, 63.182,
297.391

94, 27.615,
105.448

34, 75.017,
299.763

99, 34.357,
107.561

29, 86.423,
302.119

26, 96.248,
304.170

23, 103.005,

305.566

■ 23, 103.352,
305.628

Harmonies

Complementary

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



64, 18.972, 290.080



74, 18.247, 105.917

Rectangle

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



64, 18.972, 290.080



64, 18.972, 340.080



64, 18.972, 110.080



64, 18.972, 160.080

Sweetspot

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



64, 18.971, 290.078



91, 7.123, 288.498



73, 12.844, 192.571



48, 4.768, 288.568



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



64, 18.971, 290.078



78, 28.192, 290.644



65, 20.910, 307.674



37, 5.523, 288.856



19, 90.923, 305.481



1, 16.734, 289.058

Inverse Universe

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



66, 14.323, 16.362



81, 21.417, 16.808



74, 20.293, 125.789



37, 4.101, 15.411



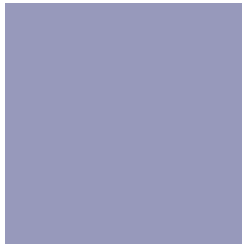
32, 70.677, 37.382



3, 12.280, 16.197

Previews

White Background



This preview shows how the CIELCh color 64, 18.972, 290.080 looks on a white background.

Color Contrast Check

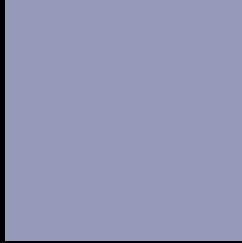
Large Text (above 18pt) WCAG AA × Fail

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 64, 18.972, 290.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

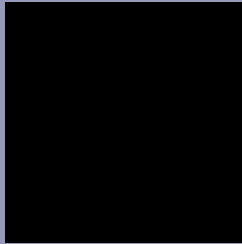
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

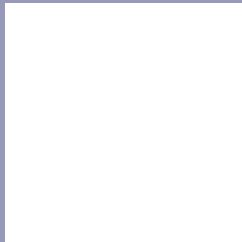
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 18.972, 290.080

Background



This preview shows how black text looks on a background with the CIELCh color 64, 18.972, 290.080.



This preview shows how white text looks on a background with the CIELCh color 64, 18.972, 290.080.

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

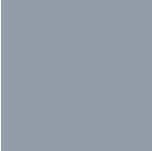
64, 18.972, 290.080

Protanopia

64, 18.470, 285.660

Deuteranopia

64, 19.573, 294.289



Tritanopia
64, 7.389, 264.457

Trichromacy



Original Color
64, 18.972, 290.080

Protanomaly
64, 18.442, 286.721

Deuteranomaly
64, 19.558, 293.267

Tritanomaly
64, 11.376, 278.609

Monochromacy



Original Color
64, 18.972, 290.080

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 6.695, 287.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 18.972, 290.080 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(151, 153, 187)` looks like.

```
.text, #text, p{  
    color:rgb(151, 153, 187)  
}
```

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(151, 153, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 153, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 18.972, 290.080 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(151, 153, 187) }
```

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

```
.border{ border-color:rgb(151, 153, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 153, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 153, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 153, 187);  
box-shadow:4px 4px 4px 4px rgb(151, 153,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 18.972, 290.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 153, 187) }
```

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

```
.background{ background-color: rgb(151,  
153, 187) }
```

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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