

Converting Colors

CIELCh(72, 18.232, 250.121)

Have a look what the booklet for
CIELCh(72, 18.232, 250.121)
contains.

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Color

CIELCh(72, 18.129, 250.511)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 91B5CF |
| RGB | 145, 181, 207 |
| RGB Percent | 57%, 71%, 81% |
| CMY | 0.4307, 0.2896, 0.1876 |
| CMYK | 0.30, 0.13, 0.00, 0.19 |
| HSL | 205°, 39%, 69% |
| HSV | 205°, 30%, 81% |
| XYZ | 39.5430, 43.6590, 65.4785 |
| YIQ | 173.2000, -29.8020, 0.4540 |

Conversions

Conversions Part 2

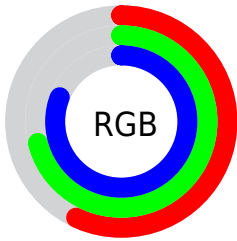
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 145, 168, 207 |
| Decimal | 9549263 |
| CIELab | 72.00, -6.05, -17.09 |
| CIELCh | 72, 18.129, 250.511 |
| Yxy | 43.6590, 0.2660, 0.2936 |
| Android (android.graphics.Color) | 4287739343 (0xFF91B5CF) |
| YUV | 173.2000, 16.6634, -24.7314 |
| Hunter-Lab | 66.0750, -8.8067, -12.5023 |

Details

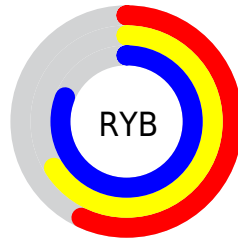
The CIELCh color **72, 18.129, 250.511** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73, 20.546, 63.030**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 15.073, 237.166**, and **52, 18.245, 251.868** is the 20% darker color. If you saturate the color by 10%, you get **68, 23.763, 252.566**, and if you desaturate by 10%, it is **76, 12.255, 248.817**.

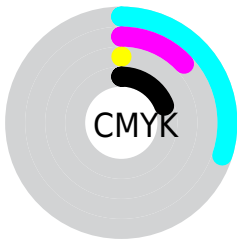
Distribution



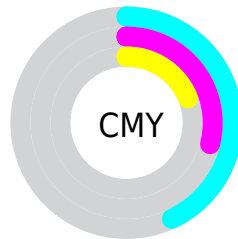
- Red (57%)
- Green (71%)
- Blue (81%)



- Red (57%)
- Yellow (66%)
- Blue (81%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)





- Cyan (43%)
- Magenta (29%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 18.129, 250.511 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, 18.129, 250.511 by changing the saturation by 10% instead.


 72, 18.129,
250.511


 72, 18.129,
250.511


 100, 18.129,
250.511


 62, 18.129,
250.511


 92, 18.129,
250.511

 52, 18.129,
250.511

 42, 18.129,
250.511

 32, 18.129,
250.511

 22, 18.129,
250.511

 12, 18.129,
250.511

 2, 18.129, 250.511

0, 18.129, 250.511

72, 18.129,
250.511

72, 18.129,
250.511

68, 23.763,
252.566

76, 12.255,
248.817

65, 29.124,
255.062

79, 6.186, 247.446

62, 34.198,
258.068

83, 0.038, 54.605

87, 6.374, 65.165

58, 39.003,
261.637

91, 12.790, 64.381

55, 43.603,
265.782

94, 15.722, 77.808

96, 18.419, 93.386

52, 48.113,
270.435

98, 22.094,

■ 50, 52.710,
275.319

104.269

■ 50, 52.743,
275.352

■ 99, 24.151,
108.346

Harmonies

Complementary

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



72, 18.129, 250.511



73, 20.546, 63.030

Rectangle

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



72, 18.129, 250.511



72, 18.129, 300.511



72, 18.129, 70.511



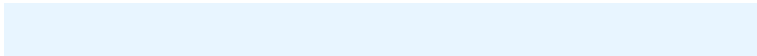
72, 18.129, 120.511

Sweetspot

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



72, 18.128, 250.508



96, 6.642, 247.348



78, 29.719, 156.796



51, 4.607, 247.526



0, 0.000, 0.000



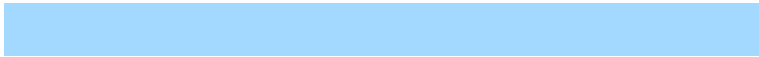
53, 0.007, 296.813

Same Dimension

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



72, 18.128, 250.508



84, 25.522, 251.800



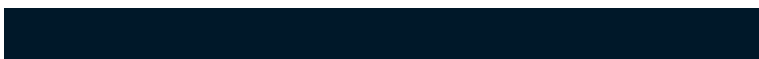
64, 31.747, 290.480



42, 3.563, 247.385



40, 44.630, 274.562



7, 14.512, 263.086

Inverse Universe

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



67, 30.368, 342.064



78, 43.185, 342.723



81, 29.913, 103.474



41, 5.729, 340.232



36, 63.576, 354.331



5, 22.767, 348.604

Previews

White Background



This preview shows how the CIELCh color 72, 18.129, 250.511 looks on a white background.

Color Contrast Check

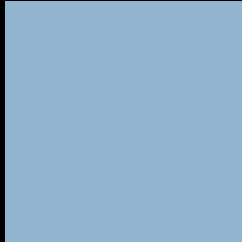
Large Text (above 18pt) WCAG AA × Fail

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, 18.129, 250.511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

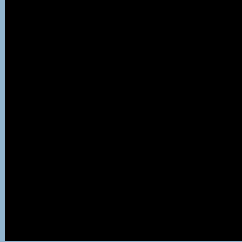
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

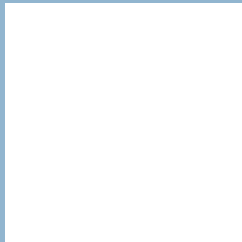
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 18.129, 250.511

Background



This preview shows how black text looks on a background with the CIELCh color 72, 18.129, 250.511.



This preview shows how white text looks on a background with the CIELCh color 72, 18.129, 250.511.

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

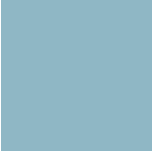
72, 18.129, 250.511

Protanopia

72, 15.291, 286.433

Deuteranopia

72, 20.301, 296.999



Tritanopia
72, 15.279, 228.606

Trichromacy



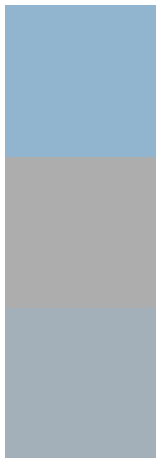
Original Color
72, 18.129, 250.511

Protanomaly
72, 15.946, 272.898

Deuteranomaly
72, 18.219, 281.150

Tritanomaly
72, 16.102, 238.866

Monochromacy



Original Color
72, 18.129, 250.511

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.706, 246.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 18.129, 250.511 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(145, 181, 207)` looks like.

```
.text, #text, p{  
    color:rgb(145, 181, 207)  
}
```

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(145, 181, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 181, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 18.129, 250.511 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(145, 181, 207) }
```

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

```
.border{ border-color:rgb(145, 181, 207) }
```

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

Here you see how a box with a 4 pixel rgb(145, 181, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 181, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 181, 207);  
box-shadow:4px 4px 4px 4px rgb(145, 181,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 18.129, 250.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 181, 207) }
```

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

```
.background{ background-color: rgb(145,  
181, 207) }
```

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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