

Converting Colors

CIELCh(68, 18.196, 226.241)

Have a look what the booklet for
CIELCh(68, 18.196, 226.241)
contains.

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Color

CIELCh(68, 18.141, 227.556)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7CADBD |
| RGB | 124, 173, 189 |
| RGB Percent | 49%, 68%, 74% |
| CMY | 0.5127, 0.3206, 0.2578 |
| CMYK | 0.34, 0.08, 0.00, 0.26 |
| HSL | 195°, 33%, 61% |
| HSV | 195°, 34%, 74% |
| XYZ | 32.5526, 37.9720, 53.9025 |
| YIQ | 160.1730, -34.3400, -5.4120 |

Conversions

Conversions Part 2

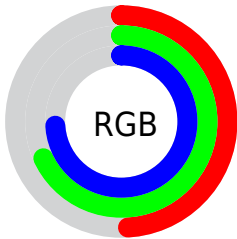
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 124, 152, 189 |
| Decimal | 8170941 |
| CIELab | 68.00, -12.24, -13.39 |
| CIElCh | 68, 18.141, 227.556 |
| Yxy | 37.9720, 0.2616, 0.3052 |
| Android (android.graphics.Color) | 4286361021 (0xFF7CADBD) |
| YUV | 160.1730, 14.2117, -31.7237 |
| Hunter-Lab | 61.6215, -13.5419, -8.7281 |

Details

The CIELCh color **68, 18.141, 227.556** is a light color, and the websafe version is hex **669999**. A complement of this color would be **63, 22.817, 43.924**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 18.195, 227.885**, and **48, 18.143, 227.363** is the 20% darker color. If you saturate the color by 10%, you get **66, 22.509, 228.880**, and if you desaturate by 10%, it is **70, 13.298, 226.541**.

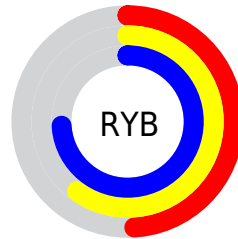
Distribution



Red (49%)

Green (68%)

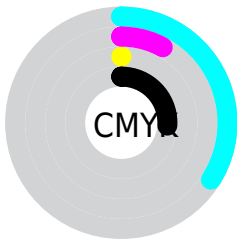
Blue (74%)



Red (49%)

Yellow (60%)

Blue (74%)

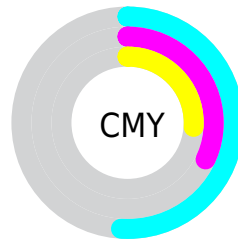


Cyan (34%)

Magenta (8%)

Yellow (0%)

Black (26%)



Cyan (51%)


Magenta (32%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 18.141, 227.556 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 68, 18.141, 227.556 by changing the saturation by 10% instead.


 68, 18.141,
227.556


 68, 18.141,
227.556


 100, 18.141,
227.556


 58, 18.141,
227.556


 88, 18.141,
227.556

 48, 18.141,
227.556


 98, 18.141,
227.556

 38, 18.141,
227.556

 28, 18.141,
227.556

 18, 18.141,
227.556

 8, 18.141, 227.556

 0, 18.141, 227.556

68, 18.141,
227.556

68, 18.141,
227.556

66, 22.509,
228.880

70, 13.298,
226.541

64, 26.329,
230.599

73, 8.059, 225.792

76, 2.501, 225.353

61, 29.546,
232.795

78, 3.307, 44.570

60, 32.140,
235.558

81, 9.306, 44.362

58, 34.141,
238.969

84, 15.445, 44.168

87, 21.052, 44.743

56, 35.654,
243.060

88, 20.627, 52.601

55, 36.427,
245.533

89, 20.610, 60.619

Harmonies

Complementary

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



68, 18.141, 227.556



63, 22.817, 43.924

Rectangle

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



68, 18.141, 227.556



68, 18.141, 277.556



68, 18.141, 47.556



68, 18.141, 97.556

Sweetspot

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



68, 18.141, 227.552



93, 6.995, 225.554



71, 36.425, 148.989



49, 4.754, 225.628



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



68, 18.141, 227.552



84, 25.941, 228.487



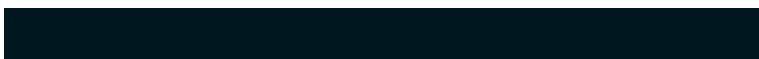
59, 27.371, 281.327



39, 3.215, 225.514



47, 31.777, 244.843



6, 9.481, 236.660

Inverse Universe

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



60, 36.322, 334.530



73, 53.089, 335.083



71, 26.844, 91.860



37, 5.953, 332.765



35, 67.094, 340.909



3, 16.870, 336.742

Previews

White Background



This preview shows how the CIELCh color 68, 18.141, 227.556 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 68, 18.141, 227.556 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 68, 18.141, 227.556

Background



This preview shows how black text looks on a background with the CIELCh color 68, 18.141, 227.556.



This preview shows how white text looks on a background with the CIELCh color 68, 18.141, 227.556.

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
68, 18.141, 227.556

Protanopia
68, 10.480, 289.278

Deuteranopia
68, 17.348, 300.128



Tritanopia
68, 17.861, 221.993

Trichromacy



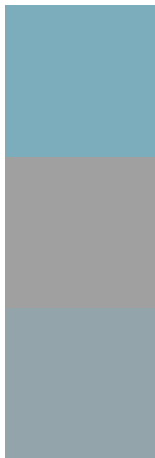
Original Color
68, 18.141, 227.556

Protanomaly
68, 11.609, 258.182

Deuteranomaly
68, 14.913, 274.026

Tritanomaly
68, 18.023, 223.719

Monochromacy



Original Color
68, 18.141, 227.556

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 7.258, 226.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 18.141, 227.556 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(124, 173, 189)` looks like.

```
.text, #text, p{  
    color:rgb(124, 173, 189)  
}
```

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(124, 173, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 173, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 18.141, 227.556 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(124, 173, 189) }
```

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

```
.border{ border-color:rgb(124, 173, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 173, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 173, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 173, 189);  
box-shadow:4px 4px 4px 4px rgb(124, 173,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 18.141, 227.556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 173, 189) }
```

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

```
.background{ background-color: rgb(124,  
173, 189) }
```

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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