

Converting Colors

CIELCh(70, 18.848, 201.490)

Have a look what the booklet for
CIELCh(70, 18.848, 201.490)
contains.

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Color

CIELCh(70, 18.924, 201.267)

Conversions

Conversions Part 1

Format	Color
Hex	7DB5B7
RGB	125, 181, 183
RGB Percent	49%, 71%, 72%
CMY	0.5104, 0.2908, 0.2829
CMYK	0.32, 0.01, 0.00, 0.28
HSL	182°, 29%, 60%
HSV	182°, 32%, 72%
XYZ	33.4621, 40.7494, 50.8207
YIQ	164.4840, -34.0180, -11.2500

Conversions

Conversions Part 2

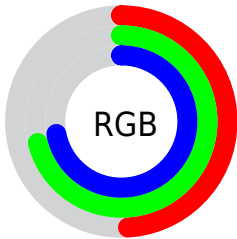
Format	Color
R_{YB}	125, 153, 183
Decimal	8238519
CIE _{Lab}	70.00, -17.64, -6.86
CIE _{LCh}	70, 18.924, 201.267
Yxy	40.7494, 0.2676, 0.3259
Android (android.graphics.Color)	4286428599 (0xFF7DB5B7)
YUV	164.4840, 9.1284, -34.6275
Hunter-Lab	63.8353, -18.1430, -2.5174

Details

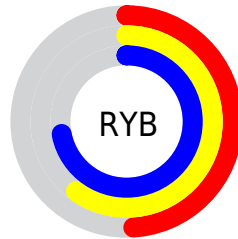
The CIELCh color **70, 18.924, 201.267** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59, 23.582, 24.631**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 18.784, 201.400**, and **50, 18.852, 201.099** is the 20% darker color. If you saturate the color by 10%, you get **69, 23.817, 201.045**, and if you desaturate by 10%, it is **71, 13.441, 201.567**.

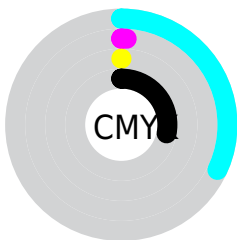
Distribution



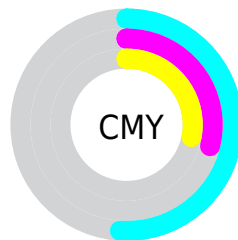
- Red (49%)
- Green (71%)
- Blue (72%)



- Red (49%)
- Yellow (60%)
- Blue (72%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)





- Cyan (51%)
- Magenta (29%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 18.924, 201.267 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 70, 18.924, 201.267 by changing the saturation by 10% instead.


 70, 18.924,
201.267


 70, 18.924,
201.267


 100, 18.924,
201.267


 60, 18.924,
201.267


 90, 18.924,
201.267

 50, 18.924,
201.267

 40, 18.924,
201.267

 30, 18.924,
201.267

 20, 18.924,
201.267

 10, 18.924,
201.267

 0, 18.924, 201.267

70, 18.924,
201.267

70, 18.924,
201.267

69, 23.817,
201.045

71, 13.441,
201.567

68, 28.022,
200.921

73, 7.473, 201.958

74, 1.121, 202.765

67, 31.456,
200.904

76, 5.521, 22.665

67, 34.069,
201.005

77, 12.371, 23.207

66, 35.850,
201.231

79, 19.360, 23.735

81, 26.431, 24.270

66, 36.843,
201.590

82, 27.074, 24.937

65, 37.237,
201.964

82, 26.863, 25.632

Harmonies

Complementary

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



70, 18.924, 201.267



59, 23.582, 24.631

Rectangle

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



70, 18.924, 201.267



70, 18.924, 251.267



70, 18.924, 21.267



70, 18.924, 71.267

Sweetspot

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



70, 18.924, 201.263



92, 7.911, 202.029



69, 37.779, 143.100



49, 5.421, 201.964



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 18.924, 201.263



88, 27.190, 201.103



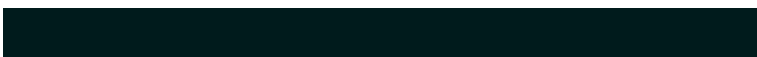
62, 19.261, 264.001



38, 3.648, 202.069



56, 33.063, 201.891



8, 9.957, 202.507

Inverse Universe

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



60, 37.743, 327.107



73, 55.546, 327.472



66, 20.640, 74.912



36, 6.750, 325.864



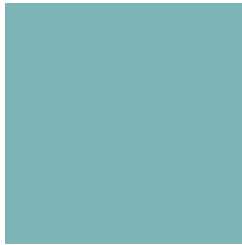
36, 77.790, 329.631



3, 18.178, 326.060

Previews

White Background



This preview shows how the CIELCh color 70, 18.924, 201.267 looks on a white background.

Color Contrast Check

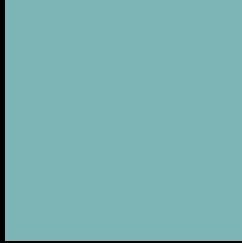
Large Text (above 18pt) WCAG AA × Fail

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 70, 18.924, 201.267 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

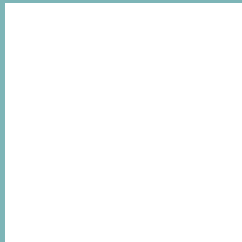
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 18.924, 201.267

Background



This preview shows how black text looks on a background with the CIELCh color 70, 18.924, 201.267.

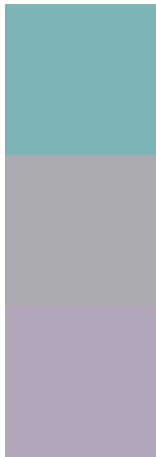


This preview shows how white text looks on a background with the CIELCh color 70, 18.924, 201.267.

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

70, 18.924, 201.267

Protanopia

70, 4.017, 306.699

Deuteranopia

70, 12.173, 316.166



Tritanopia
70, 18.688, 224.482

Trichromacy



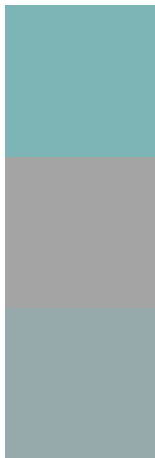
Original Color
70, 18.924, 201.267

Protanomaly
70, 7.003, 222.085

Deuteranomaly
70, 8.544, 263.507

Tritanomaly
70, 18.557, 215.372

Monochromacy



Original Color
70, 18.924, 201.267

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 7.312, 203.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 18.924, 201.267 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(125, 181, 183)` looks like.

```
.text, #text, p{  
    color:rgb(125, 181, 183)  
}
```

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(125, 181, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 181, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 18.924, 201.267 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(125, 181, 183) }
```

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

```
.border{ border-color:rgb(125, 181, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 181, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 181, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 181, 183);  
box-shadow:4px 4px 4px 4px rgb(125, 181,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 18.924, 201.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 181, 183) }
```

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

```
.background{ background-color: rgb(125,  
181, 183) }
```

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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