

Converting Colors

CIELCh(70, 24.953, 219.538)

Have a look what the booklet for
CIELCh(70, 24.953, 219.538)
contains.

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Color

CIELCh(70, 24.818, 219.986)

Conversions

Conversions Part 1

Format	Color
Hex	6AB6C7
RGB	106, 182, 199
RGB Percent	42%, 71%, 78%
CMY	0.5835, 0.2855, 0.2188
CMYK	0.47, 0.09, 0.00, 0.22
HSL	191°, 45%, 60%
HSV	191°, 47%, 78%
XYZ	33.0712, 40.7494, 60.2808
YIQ	161.2140, -50.7530, -10.8250

Conversions

Conversions Part 2

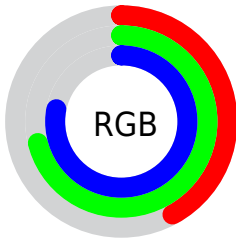
Format	Color
RYB	106, 148, 199
Decimal	6993607
CIELab	70.00, -19.02, -15.95
CIELCh	70, 24.818, 219.986
Yxy	40.7494, 0.2466, 0.3039
Android (android.graphics.Color)	4285183687 (0xFF6AB6C7)
YUV	161.2140, 18.6285, -48.4227
Hunter-Lab	63.8353, -19.2362, -11.3040

Details

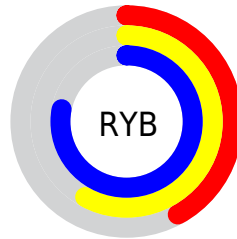
The CIELCh color **70, 24.818, 219.986** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59, 35.233, 38.167**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 24.780, 219.089**, and **50, 24.787, 219.728** is the 20% darker color. If you saturate the color by 10%, you get **68, 28.536, 221.225**, and if you desaturate by 10%, it is **72, 20.424, 219.067**.

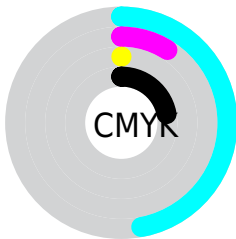
Distribution



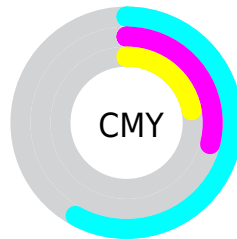
- Red (42%)
- Green (71%)
- Blue (78%)



- Red (42%)
- Yellow (58%)
- Blue (78%)



- Cyan (47%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)




- Cyan (58%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 24.818, 219.986 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, 24.818, 219.986 by changing the saturation by 10% instead.


 70, 24.818,
219.986


 70, 24.818,
219.986


 100, 24.818,
219.986


 60, 24.818,
219.986


 90, 24.818,
219.986


 50, 24.818,
219.986

 40, 24.818,
219.986

 30, 24.818,
219.986

 20, 24.818,
219.986

 10, 24.818,
219.986

 0, 24.818, 219.986

70, 24.818,
219.986

70, 24.818,
219.986

68, 28.536,
221.225

72, 20.424,
219.067

66, 31.512,
222.862

74, 15.445,
218.413

65, 33.719,
224.974

76, 9.973, 217.975

64, 35.185,
227.634

79, 4.103, 217.758

81, 2.079, 37.194

62, 36.024,
230.881

84, 8.501, 37.321

62, 36.254,
232.015

86, 15.098, 37.352

88, 17.873, 41.018

89, 17.397, 48.210

Harmonies

Complementary

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



70, 24.818, 219.986



59, 35.233, 38.167

Rectangle

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



70, 24.818, 219.986



70, 24.818, 269.986



70, 24.818, 39.986



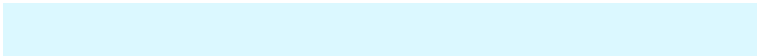
70, 24.818, 89.986

Sweetspot

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



70, 24.818, 219.984



96, 10.300, 217.898



73, 53.627, 145.411



51, 7.066, 217.965



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 24.818, 219.984



85, 34.422, 221.244



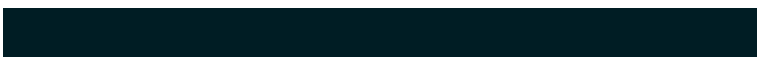
57, 36.050, 279.392



41, 3.454, 217.787



51, 31.247, 231.440



9, 11.226, 223.195

Inverse Universe

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



58, 52.945, 332.942



68, 75.712, 333.649



70, 36.260, 84.992



39, 6.504, 330.479



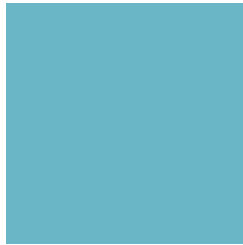
37, 71.877, 337.029



4, 22.793, 334.184

Previews

White Background



This preview shows how the CIELCh color 70, 24.818, 219.986 looks on a white background.

Color Contrast Check

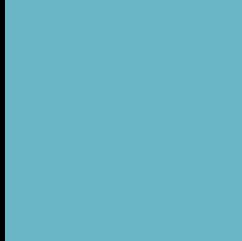
Large Text (above 18pt) WCAG AA × Fail

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 70, 24.818, 219.986 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, 24.818, 219.986

Background



This preview shows how black text looks on a background with the CIELCh color 70, 24.818, 219.986.



This preview shows how white text looks on a background with the CIELCh color 70, 24.818, 219.986.

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

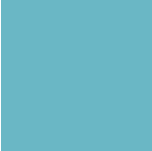
70, 24.818, 219.986

Protanopia

70, 12.075, 288.003

Deuteranopia

70, 20.432, 297.047



Tritanopia
70, 24.768, 215.869

Trichromacy



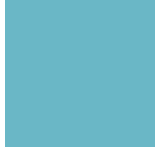
Original Color
70, 24.818, 219.986



Protanomaly
70, 14.508, 248.246



Deuteranomaly
69, 18.190, 264.399



Tritanomaly
70, 24.849, 217.167

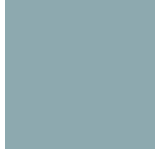
Monochromacy



Original Color
70, 24.818, 219.986



Achromatopsia
66, 0.008, 296.813



Achromatomaly
67, 10.410, 217.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 24.818, 219.986 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(106, 182, 199)` looks like.

```
.text, #text, p{  
    color:rgb(106, 182, 199)  
}
```

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(106, 182, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 182, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 24.818, 219.986 is called "border". The border property can be set on classes, ids or directly on the HTML element.

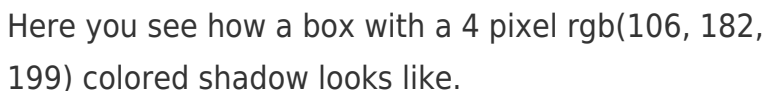
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 182, 199) }
```

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

```
.border{ border-color:rgb(106, 182, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(106, 182, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 182, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 182, 199); box-shadow:4px 4px 4px 4px rgb(106, 182, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 24.818, 219.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 182, 199) }
```

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

```
.background{ background-color: rgb(106,  
182, 199) }
```

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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