

Converting Colors

CIELCh(70, 23.663, 218.476)

Have a look what the booklet for
CIELCh(70, 23.663, 218.476)
contains.

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Color

CIELCh(70, 23.678, 218.266)

Conversions

Conversions Part 1

Format	Color
Hex	6EB6C5
RGB	110, 182, 197
RGB Percent	43%, 71%, 77%
CMY	0.5690, 0.2867, 0.2278
CMYK	0.44, 0.08, 0.00, 0.23
HSL	190°, 43%, 60%
HSV	190°, 44%, 77%
XYZ	33.1912, 40.7494, 58.8780
YIQ	162.1820, -47.7270, -10.5990

Conversions

Conversions Part 2

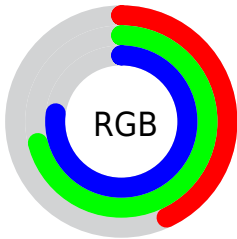
Format	Color
R _Y B	110, 149, 197
Decimal	7255749
CIE Lab	70.00, -18.59, -14.66
CIE LCh	70, 23.678, 218.266
Yxy	40.7494, 0.2499, 0.3068
Android (android.graphics.Color)	4285445829 (0xFF6EB6C5)
YUV	162.1820, 17.1653, -45.7636
Hunter-Lab	63.8353, -18.9005, -10.0010

Details

The CIELCh color **70, 23.678, 218.266** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60, 32.919, 37.107**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 23.660, 218.817**, and **50, 23.591, 217.872** is the 20% darker color. If you saturate the color by 10%, you get **68, 27.539, 219.319**, and if you desaturate by 10%, it is **72, 19.157, 217.500**.

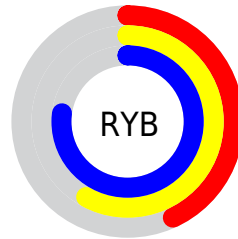
Distribution



Red (43%)

Green (71%)

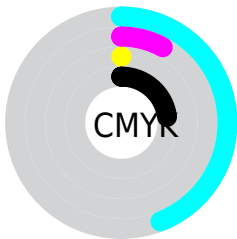
Blue (77%)



Red (43%)

Yellow (58%)

Blue (77%)

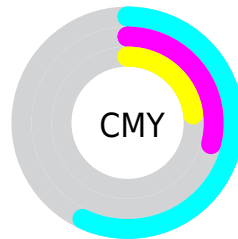


Cyan (44%)

Magenta (8%)

Yellow (0%)

Black (23%)



Cyan (57%)


Magenta (29%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 23.678, 218.266 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, 23.678, 218.266 by changing the saturation by 10% instead.


 70, 23.678,
218.266


 70, 23.678,
218.266


 100, 23.678,
218.266


 60, 23.678,
218.266


 90, 23.678,
218.266

 50, 23.678,
218.266

 40, 23.678,
218.266

 30, 23.678,
218.266

 20, 23.678,
218.266

 10, 23.678,
218.266

 0, 23.678, 218.266

70, 23.678,
218.266

70, 23.678,
218.266

68, 27.539,
219.319

72, 19.157,
217.500

67, 30.668,
220.730

74, 14.070,
216.973

65, 33.022,
222.572

76, 8.513, 216.646

64, 34.611,
224.917

78, 2.577, 216.584

81, 3.653, 36.129

62, 35.514,
227.823

83, 10.106, 36.215

62, 35.862,
229.692

86, 16.722, 36.293

87, 18.767, 40.136

88, 18.272, 46.481

Harmonies

Complementary

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



70, 23.678, 218.266



60, 32.919, 37.107

Rectangle

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



70, 23.678, 218.266



70, 23.678, 268.266



70, 23.678, 38.266



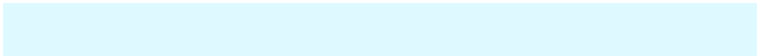
70, 23.678, 88.266

Sweetspot

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



70, 23.678, 218.264



96, 9.651, 216.624



73, 50.430, 145.704



51, 6.710, 216.676



0, 0.000, 0.000



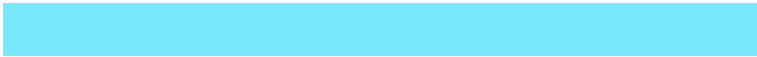
53, 0.007, 296.813

Same Dimension

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



70, 23.678, 218.264



86, 33.299, 219.274



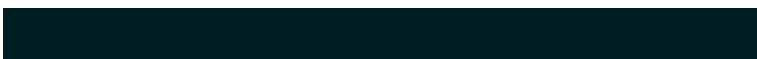
58, 33.724, 278.776



41, 3.476, 216.561



52, 31.191, 229.179



9, 11.273, 221.375

Inverse Universe

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



58, 50.205, 332.377



70, 72.796, 333.025



70, 33.944, 85.347



39, 6.552, 330.122



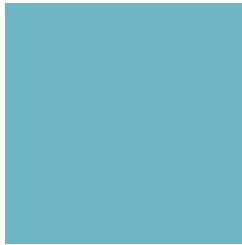
37, 72.441, 336.430



4, 23.005, 333.691

Previews

White Background



This preview shows how the CIELCh color 70, 23.678, 218.266 looks on a white background.

Color Contrast Check

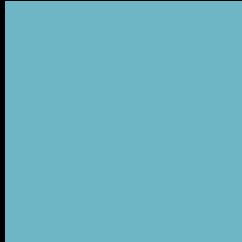
Large Text (above 18pt) WCAG AA × Fail

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, 23.678, 218.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

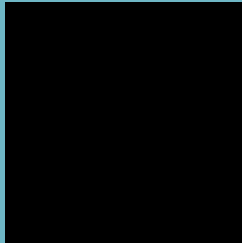
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 23.678, 218.266

Background



This preview shows how black text looks on a background with the CIELCh color 70, 23.678, 218.266.



This preview shows how white text looks on a background with the CIELCh color 70, 23.678, 218.266.

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

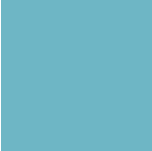
70, 23.678, 218.266

Protanopia

70, 10.970, 289.404

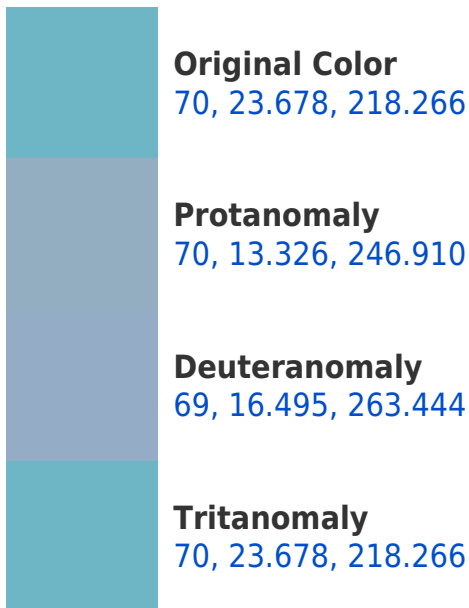
Deuteranopia

70, 18.835, 298.421

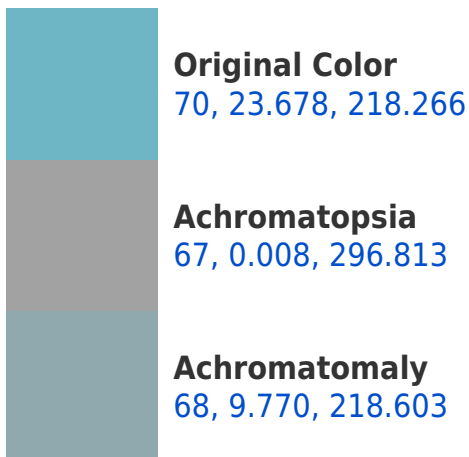


Tritanopia
70, 23.678, 218.266

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 23.678, 218.266 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(110, 182, 197)` looks like.

```
.text, #text, p{  
    color:rgb(110, 182, 197)  
}
```

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(110, 182, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 182, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 23.678, 218.266 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(110, 182, 197) }
```

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

```
.border{ border-color:rgb(110, 182, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 182, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 182, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 182, 197); box-shadow:4px 4px 4px 4px rgb(110, 182, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 23.678, 218.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 182, 197) }
```

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

```
.background{ background-color: rgb(110,  
182, 197) }
```

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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