

Converting Colors

CIELCh(70, 23.455, 214.376)

Have a look what the booklet for
CIELCh(70, 23.455, 214.376)
contains.

CIELCh(70, 23.429, 214.172)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 23.429, 214.172)

Conversions

Conversions Part 1

Format	Color
Hex	6EB6C2
RGB	110, 182, 194
RGB Percent	43%, 71%, 76%
CMY	0.5680, 0.2856, 0.2386
CMYK	0.43, 0.06, 0.00, 0.24
HSL	189°, 41%, 60%
HSV	189°, 43%, 76%
XYZ	32.9673, 40.7494, 57.2620
YIQ	161.8400, -46.7640, -11.5320

Conversions

Conversions Part 2

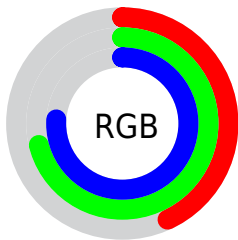
Format	Color
R _Y B	110, 149, 194
Decimal	7255746
CIE Lab	70.00, -19.38, -13.16
CIE LCh	70, 23.429, 214.172
Yxy	40.7494, 0.2517, 0.3111
Android (android.graphics.Color)	4285445826 (0xFF6EB6C2)
YUV	161.8400, 15.8549, -45.4637
Hunter-Lab	63.8353, -19.5266, -8.5001

Details

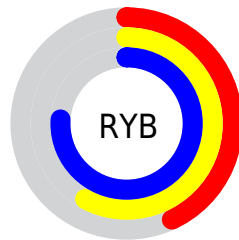
The CIELCh color **70, 23.429, 214.172** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59, 32.388, 34.499**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 23.289, 213.690**, and **50, 23.421, 213.384** is the 20% darker color. If you saturate the color by 10%, you get **68, 27.344, 214.927**, and if you desaturate by 10%, it is **72, 18.843, 213.654**.

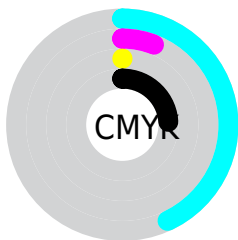
Distribution



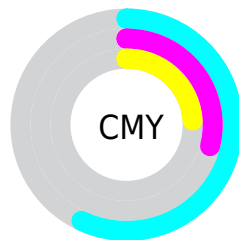
- Red (43%)
- Green (71%)
- Blue (76%)



- Red (43%)
- Yellow (58%)
- Blue (76%)



- Cyan (43%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)





- Cyan (57%)
- Magenta (29%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 23.429, 214.172 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, 23.429, 214.172 by changing the saturation by 10% instead.


 70, 23.429,
214.172


 70, 23.429,
214.172


 100, 23.429,
214.172


 60, 23.429,
214.172


 90, 23.429,
214.172

 50, 23.429,
214.172

 40, 23.429,
214.172

 30, 23.429,
214.172

 20, 23.429,
214.172

 10, 23.429,
214.172

 0, 23.429, 214.172

70, 23.429,
214.172

70, 23.429,
214.172

68, 27.344,
214.927

72, 18.843,
213.654

67, 30.510,
215.978

74, 13.682,
213.336

66, 32.876,
217.382

76, 8.046, 213.189

64, 34.440,
219.200

78, 2.030, 213.334

80, 4.281, 32.982

63, 35.265,
221.485

82, 10.812, 33.170

63, 35.555,
223.228

85, 17.502, 33.356

86, 20.257, 35.864

87, 19.697, 40.541

Harmonies

Complementary

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



70, 23.429, 214.172



59, 32.388, 34.499

Rectangle

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



70, 23.429, 214.172



70, 23.429, 264.172



70, 23.429, 34.172



70, 23.429, 84.172

Sweetspot

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



70, 23.429, 214.169



96, 9.764, 213.189



72, 50.052, 144.786



51, 6.843, 213.207



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, 23.429, 214.169



87, 33.123, 214.888



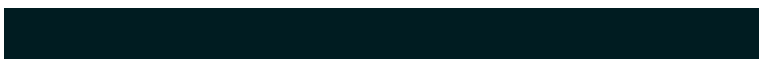
58, 31.215, 275.917



40, 3.471, 213.182



53, 30.914, 222.802



9, 10.741, 216.910

Inverse Universe

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



58, 49.655, 331.243



70, 72.461, 331.840



69, 32.063, 82.658



38, 6.548, 329.137



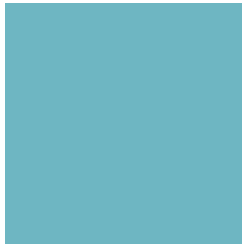
37, 73.240, 334.794



4, 21.167, 331.790

Previews

White Background



This preview shows how the CIELCh color 70, 23.429, 214.172 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, 23.429, 214.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

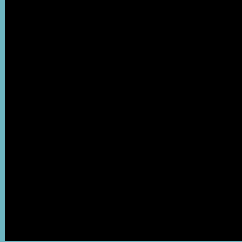
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 23.429, 214.172

Background



This preview shows how black text looks on a background with the CIELCh color 70, 23.429, 214.172.

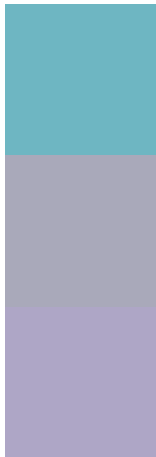


This preview shows how white text looks on a background with the CIELCh color 70, 23.429, 214.172.

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, 23.429, 214.172

Protanopia
70, 9.326, 291.114

Deuteranopia
70, 17.850, 301.004



Tritanopia
70, 23.342, 217.132

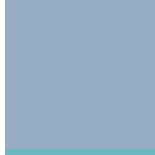
Trichromacy



Original Color
70, 23.429, 214.172



Protanomaly
70, 12.023, 242.232



Deuteranomaly
70, 15.265, 263.475

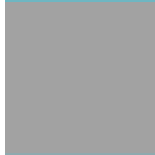


Tritanomaly
70, 23.256, 215.755

Monochromacy



Original Color
70, 23.429, 214.172



Achromatopsia
67, 0.008, 296.813



Achromatomaly
67, 9.638, 215.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 23.429, 214.172 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(110, 182, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 182, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 23.429, 214.172 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, 194) }
```

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

```
.border{ border-color:rgb(110, 182, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 182, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 182, 194);  
box-shadow:4px 4px 4px 4px rgb(110, 182,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 23.429, 214.172 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, 194) }
```

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

```
.background{ background-color: rgb(110,  
182, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor