

Converting Colors

CIELCh(71, 20.927, 228.476)

Have a look what the booklet for
CIELCh(71, 20.927, 228.476)
contains.

CIELCh(71, 20.889, 229.974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 20.889, 229.974)

Conversions

Conversions Part 1

Format	Color
Hex	7DB6CA
RGB	125, 182, 202
RGB Percent	49%, 71%, 79%
CMY	0.5090, 0.2855, 0.2070
CMYK	0.38, 0.10, 0.00, 0.21
HSL	196°, 42%, 64%
HSV	196°, 38%, 79%
XYZ	35.9409, 42.1875, 62.2532
YIQ	167.2370, -40.3920, -5.8640

Conversions

Conversions Part 2

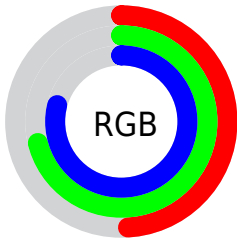
Format	Color
RYB	125, 158, 202
Decimal	8238794
CIELab	71.00, -13.43, -16.00
CIElCh	71, 20.889, 229.974
Yxy	42.1875, 0.2560, 0.3005
Android (android.graphics.Color)	4286428874 (0xFF7DB6CA)
YUV	167.2370, 17.1382, -37.0418
Hunter-Lab	64.9519, -14.8934, -11.3602

Details

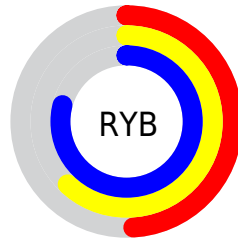
The CIELCh color **71, 20.889, 229.974** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 26.957, 45.273**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 20.196, 224.419**, and **51, 20.961, 230.074** is the 20% darker color. If you saturate the color by 10%, you get **69, 25.310, 231.554**, and if you desaturate by 10%, it is **74, 15.951, 228.749**.

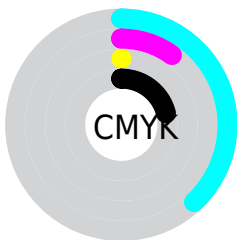
Distribution



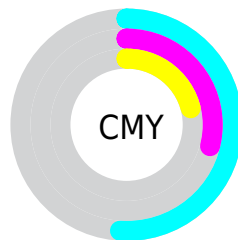
- Red (49%)
- Green (71%)
- Blue (79%)



- Red (49%)
- Yellow (62%)
- Blue (79%)



- Cyan (38%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)





- Cyan (51%)
- Magenta (29%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 20.889, 229.974 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 71, 20.889, 229.974 by changing the saturation by 10% instead.


 71, 20.889,
229.974


 71, 20.889,
229.974


 100, 20.889,
229.974


 61, 20.889,
229.974


 91, 20.889,
229.974

 51, 20.889,
229.974

 41, 20.889,
229.974

 31, 20.889,
229.974

 21, 20.889,
229.974

 11, 20.889,
229.974

 1, 20.889, 229.974

■ 0, 20.889, 229.974

■ 71, 20.889,
229.974

■ 71, 20.889,
229.974

■ 69, 25.310,
231.554

■ 74, 15.951,
228.749

■ 66, 29.145,
233.580

■ 76, 10.576,
227.821

■ 64, 32.354,
236.142

■ 79, 4.845, 227.160

■ 62, 34.938,
239.327

■ 82, 1.170, 46.055

■ 60, 36.967,
243.198

■ 85, 7.401, 46.029

■ 58, 38.610,
247.701

■ 88, 13.795, 45.763

■ 90, 16.261, 52.244

■ 58, 38.929,
248.572

■ 91, 16.355, 63.697

■ 93, 17.089, 74.553

Harmonies

Complementary

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



71, 20.889, 229.974



65, 26.957, 45.273

Rectangle

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



71, 20.889, 229.974



71, 20.889, 279.974



71, 20.889, 49.974



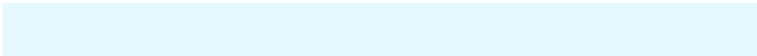
71, 20.889, 99.974

Sweetspot

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



71, 20.889, 229.971



96, 7.904, 227.331



75, 41.982, 149.169



51, 5.293, 227.417



0, 0.000, 0.000



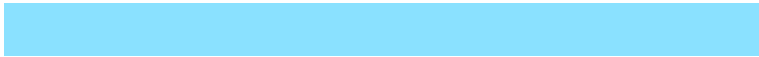
53, 0.007, 296.813

Same Dimension

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



71, 20.889, 229.971



85, 29.418, 231.298



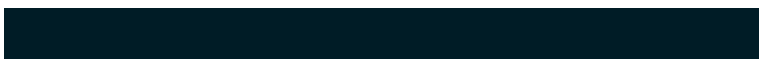
61, 32.869, 283.182



42, 3.415, 227.229



48, 33.434, 247.823



9, 11.836, 236.835

Inverse Universe

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



62, 41.985, 335.383



73, 60.543, 336.070



75, 31.912, 92.552



40, 6.287, 333.291



37, 68.773, 341.879



5, 23.479, 338.462

Previews

White Background



This preview shows how the CIELCh color 71, 20.889, 229.974 looks on a white background.

Color Contrast Check

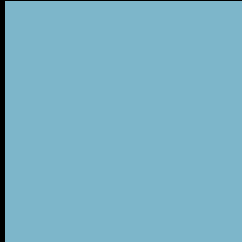
Large Text (above 18pt) WCAG AA × Fail

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 71, 20.889, 229.974 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 71, 20.889, 229.974

Background



This preview shows how black text looks on a background with the CIELCh color 71, 20.889, 229.974.

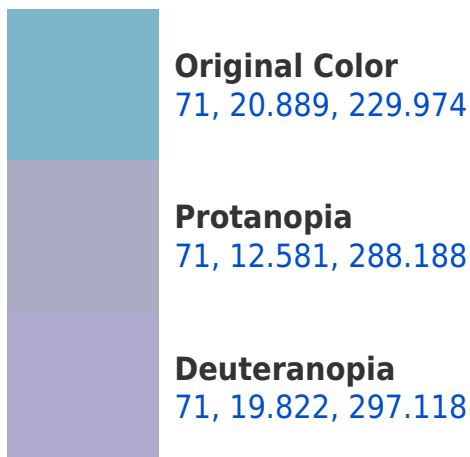


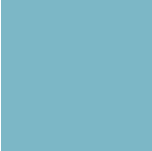
This preview shows how white text looks on a background with the CIELCh color 71, 20.889, 229.974.

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





Tritanopia
71, 20.469, 221.839

Trichromacy



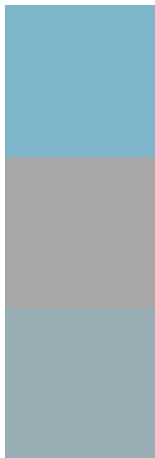
Original Color
71, 20.889, 229.974

Protanomaly
71, 13.986, 258.662

Deuteranomaly
71, 17.312, 271.155

Tritanomaly
71, 20.785, 224.831

Monochromacy



Original Color
71, 20.889, 229.974

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 8.354, 226.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 20.889, 229.974 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, 182, 202)` looks like.

```
.text, #text, p{  
    color:rgb(125, 182, 202)  
}
```

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, 182, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 182, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 20.889, 229.974 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, 182, 202) }
```

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

```
.border{ border-color:rgb(125, 182, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 182, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 182, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 182, 202);  
box-shadow:4px 4px 4px 4px rgb(125, 182,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 20.889, 229.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 182, 202) }
```

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

```
.background{ background-color: rgb(125,  
182, 202) }
```

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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