

Converting Colors

CIELCh(71, 20.848, 206.955)

Have a look what the booklet for
CIELCh(71, 20.848, 206.955)
contains.

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Color

CIELCh(71, 20.852, 206.956)

Conversions

Conversions Part 1

Format	Color
Hex	79B8BE
RGB	121, 184, 190
RGB Percent	47%, 72%, 75%
CMY	0.5246, 0.2775, 0.2540
CMYK	0.36, 0.03, 0.00, 0.25
HSL	185°, 35%, 61%
HSV	185°, 36%, 75%
XYZ	34.4263, 42.1875, 55.1776
YIQ	165.8470, -39.4740, -11.4900

Conversions

Conversions Part 2

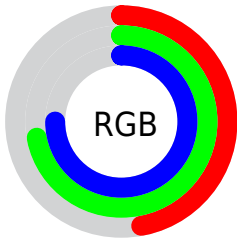
Format	Color
RYB	121, 154, 190
Decimal	7977150
CIELab	71.00, -18.59, -9.45
CIELCh	71, 20.852, 206.956
Yxy	42.1875, 0.2612, 0.3201
Android (android.graphics.Color)	4286167230 (0xFF79B8BE)
YUV	165.8470, 11.9074, -39.3308
Hunter-Lab	64.9519, -19.0558, -4.9014

Details

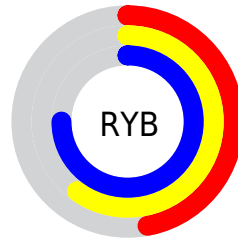
The CIELCh color **71, 20.852, 206.956** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60, 27.107, 29.246**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 20.802, 206.788**, and **51, 20.792, 207.197** is the 20% darker color. If you saturate the color by 10%, you get **70, 25.348, 207.118**, and if you desaturate by 10%, it is **72, 15.725, 206.931**.

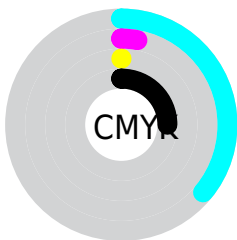
Distribution



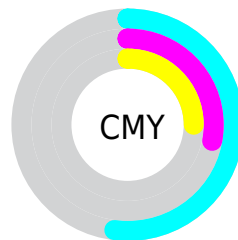
- Red (47%)
- Green (72%)
- Blue (75%)



- Red (47%)
- Yellow (60%)
- Blue (75%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)





- Cyan (52%)
- Magenta (28%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 20.852, 206.956 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, 20.852, 206.956 by changing the saturation by 10% instead.


 71, 20.852,
206.956


 71, 20.852,
206.956


 100, 20.852,
206.956


 61, 20.852,
206.956


 91, 20.852,
206.956

 51, 20.852,
206.956

 41, 20.852,
206.956

 31, 20.852,
206.956

 21, 20.852,
206.956

 11, 20.852,
206.956

 1, 20.852, 206.956

■ 0, 20.852, 206.956

■ 71, 20.852,
206.956

■ 71, 20.852,
206.956

■ 70, 25.348,
207.118

■ 72, 15.725,
206.931

■ 68, 29.117,
207.453

■ 74, 10.069,
207.033

■ 67, 32.086,
207.989

■ 76, 3.988, 207.289

■ 78, 2.424, 27.180

■ 67, 34.215,
208.758

■ 80, 9.084, 27.644

■ 66, 35.516,
209.791

■ 82, 15.920, 28.013

■ 65, 36.070,
211.107

■ 84, 22.874, 28.396

■ 65, 36.189,
211.634

■ 85, 22.627, 30.607

■ 85, 22.182, 32.972

Harmonies

Complementary

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



71, 20.852, 206.956



60, 27.107, 29.246

Rectangle

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



71, 20.852, 206.956



71, 20.852, 256.956



71, 20.852, 26.956



71, 20.852, 76.956

Sweetspot

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



71, 20.852, 206.953



95, 8.549, 207.136



71, 43.007, 144.051



51, 5.769, 207.104



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 20.852, 206.953



89, 30.075, 207.082



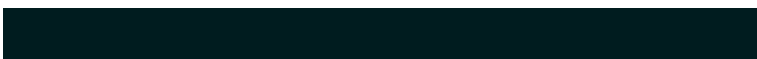
61, 24.094, 269.917



39, 3.553, 207.184



55, 31.591, 211.399



8, 10.397, 208.872

Inverse Universe

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



60, 42.882, 328.952



72, 63.704, 329.426



68, 25.341, 79.129



37, 6.660, 327.386



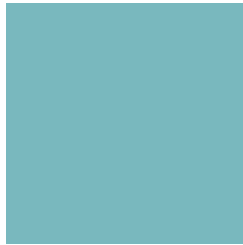
37, 75.580, 331.977



3, 19.727, 328.717

Previews

White Background



This preview shows how the CIELCh color 71, 20.852, 206.956 looks on a white background.

Color Contrast Check

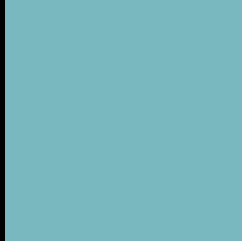
Large Text (above 18pt) WCAG AA × Fail

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, 20.852, 206.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

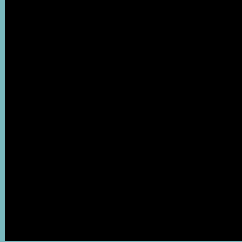
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

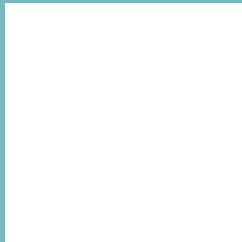
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 20.852, 206.956

Background



This preview shows how black text looks on a background with the CIELCh color 71, 20.852, 206.956.



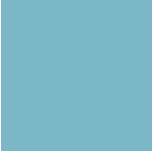
This preview shows how white text looks on a background with the CIELCh color 71, 20.852, 206.956.

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, 20.724, 221.513

Trichromacy



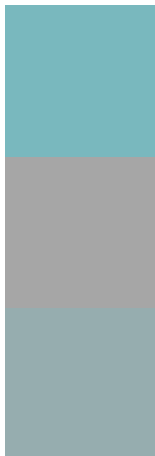
Original Color
71, 20.852, 206.956

Protanomaly
71, 9.391, 234.665

Deuteranomaly
71, 11.513, 264.035

Tritanomaly
71, 20.626, 216.654

Monochromacy



Original Color
71, 20.852, 206.956

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 8.362, 206.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 20.852, 206.956 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(121, 184, 190)` looks like.

```
.text, #text, p{  
    color:rgb(121, 184, 190)  
}
```

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(121, 184, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 184, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 20.852, 206.956 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(121, 184, 190) }
```

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

```
.border{ border-color:rgb(121, 184, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 184, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 184, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 184, 190);  
box-shadow:4px 4px 4px 4px rgb(121, 184,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 20.852, 206.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 184, 190) }
```

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

```
.background{ background-color: rgb(121,  
184, 190) }
```

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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