

Converting Colors

CIELCh(71, 22.452, 166.899)

Have a look what the booklet for
CIELCh(71, 22.452, 166.899)
contains.

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Color

CIELCh(71, 22.452, 166.899)

Conversions

Conversions Part 1

Format	Color
Hex	84B9A4
RGB	132, 185, 164
RGB Percent	52%, 73%, 64%
CMY	0.4830, 0.2752, 0.3576
CMYK	0.29, 0.00, 0.11, 0.28
HSL	156°, 27%, 62%
HSV	156°, 29%, 72%
XYZ	33.4843, 42.1875, 41.4164
YIQ	166.7590, -24.8470, -17.7670

Conversions

Conversions Part 2

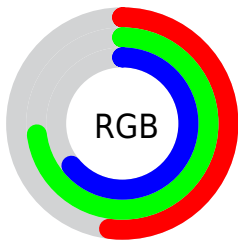
Format	Color
RYB	132, 165, 185
Decimal	8698276
CIELab	71.00, -21.87, 5.09
CIELCh	71, 22.452, 166.899
Yxy	42.1875, 0.2860, 0.3603
Android (android.graphics.Color)	4286888356 (0xFF84B9A4)
YUV	166.7590, -1.3602, -30.4836
Hunter-Lab	64.9519, -21.6447, 7.6602

Details

The CIELCh color **71, 22.452, 166.899** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61, 23.770, 352.558**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 22.357, 167.257**, and **51, 22.627, 166.116** is the 20% darker color. If you saturate the color by 10%, you get **70, 29.856, 165.734**, and if you desaturate by 10%, it is **72, 14.756, 167.954**.

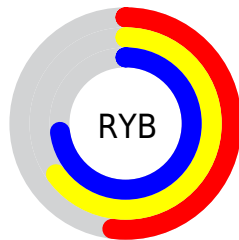
Distribution



Red (52%)

Green (73%)

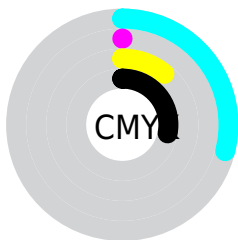
Blue (64%)



Red (52%)

Yellow (65%)

Blue (73%)

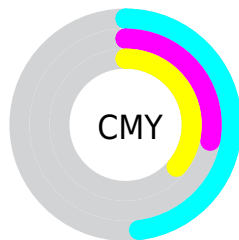


Cyan (29%)

Magenta (0%)

Yellow (11%)

Black (28%)



Cyan (48%)

Magenta (28%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 22.452, 166.899 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, 22.452, 166.899 by changing the saturation by 10% instead.

 71, 22.452,
166.899

 71, 22.452,
166.899


 100, 22.452,
166.899


 61, 22.452,
166.899


 91, 22.452,
166.899

 51, 22.452,
166.899

 41, 22.452,
166.899

 31, 22.452,
166.899

 21, 22.452,
166.899

 11, 22.452,
166.899

 1, 22.452, 166.899

■ 0, 22.452, 166.899

■ 71, 22.452,
166.899

■ 71, 22.452,
166.899

■ 70, 29.856,
165.734

■ 72, 14.756,
167.954

■ 69, 36.834,
164.440

■ 74, 6.884, 168.942

■ 68, 43.258,
162.991

■ 75, 1.060, 349.364

■ 77, 8.990, 350.526

■ 67, 49.016,
161.361

■ 79, 16.842,
351.308

■ 67, 54.033,
159.531

■ 81, 24.568,
352.029

■ 67, 58.290,
157.492

■ 82, 30.172,
350.276

■ 66, 61.899,
155.296

■ 82, 32.099,
344.229

■ 66, 62.363,
155.014

■ 83, 34.368,
338.970

Harmonies

Complementary

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



71, 22.452, 166.899



61, 23.770, 352.558

Rectangle

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



71, 22.452, 166.899



71, 22.452, 216.899



71, 22.452, 346.899



71, 22.452, 36.899

Sweetspot

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



71, 22.453, 166.897



93, 8.822, 168.895



72, 31.175, 131.195



49, 6.124, 168.754



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 22.453, 166.897



89, 32.634, 166.227



70, 16.431, 208.402



38, 4.471, 168.877



57, 54.571, 155.345



8, 13.432, 162.541

Inverse Universe

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



61, 23.770, 352.558



74, 34.957, 353.320



62, 20.083, 29.737



36, 4.557, 350.434



33, 58.586, 11.271



2, 11.604, 356.617

Previews

White Background



This preview shows how the CIELCh color 71, 22.452, 166.899 looks on a white background.

Color Contrast Check

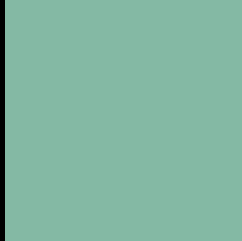
Large Text (above 18pt) WCAG AA × Fail

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 71, 22.452, 166.899 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, 22.452, 166.899

Background



This preview shows how black text looks on a background with the CIELCh color 71, 22.452, 166.899.

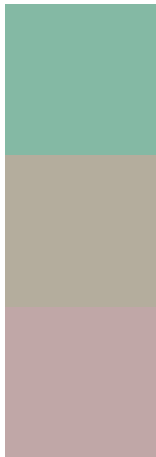


This preview shows how white text looks on a background with the CIELCh color 71, 22.452, 166.899.

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

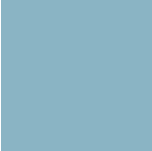
71, 22.452, 166.899

Protanopia

71, 9.112, 91.800

Deuteranopia

71, 9.683, 20.211



Tritanopia
71, 16.059, 229.333

Trichromacy



Original Color
71, 22.452, 166.899

Protanomaly
71, 11.402, 139.334

Deuteranomaly
70, 3.991, 126.370

Tritanomaly
71, 15.870, 202.148

Monochromacy



Original Color
71, 22.452, 166.899

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 8.102, 170.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 22.452, 166.899 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(132, 185, 164)` looks like.

```
.text, #text, p{  
    color:rgb(132, 185, 164)  
}
```

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(132, 185, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 185, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 22.452, 166.899 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(132, 185, 164) }
```

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

```
.border{ border-color:rgb(132, 185, 164) }
```

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

Here you see how a box with a 4 pixel rgb(132, 185, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 185, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 185, 164);  
box-shadow:4px 4px 4px 4px rgb(132, 185,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 22.452, 166.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 185, 164) }
```

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

```
.background{ background-color: rgb(132,  
185, 164) }
```

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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