

Converting Colors

CIELCh(71, 25.214, 174.604)

Have a look what the booklet for
CIELCh(71, 25.214, 174.604)
contains.

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Color

CIELCh(71, 24.932, 175.476)

Conversions

Conversions Part 1

Format	Color
Hex	78BAA9
RGB	120, 186, 169
RGB Percent	47%, 73%, 66%
CMY	0.5279, 0.2690, 0.3357
CMYK	0.35, 0.00, 0.09, 0.27
HSL	165°, 32%, 60%
HSV	165°, 35%, 73%
XYZ	32.6418, 42.1875, 44.1519
YIQ	164.3280, -33.8790, -19.2790

Conversions

Conversions Part 2

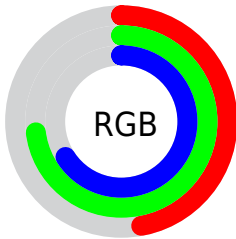
Format	Color
RYB	120, 158, 186
Decimal	7912105
CIELab	71.00, -24.85, 1.97
CIELCh	71, 24.932, 175.476
Yxy	42.1875, 0.2743, 0.3546
Android (android.graphics.Color)	4286102185 (0xFF78BAA9)
YUV	164.3280, 2.3033, -38.8757
Hunter-Lab	64.9519, -23.9599, 5.1632

Details

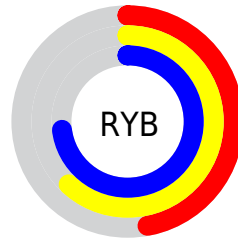
The CIELCh color $71, 24.932, 175.476$ is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be $58, 28.177, 3.085$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $91, 24.931, 175.711$, and $51, 25.294, 175.118$ is the 20% darker color. If you saturate the color by 10%, you get $70, 31.135, 174.299$, and if you desaturate by 10%, it is $72, 18.261, 176.558$.

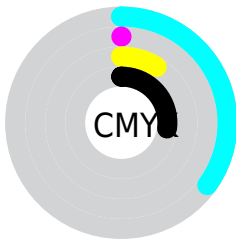
Distribution



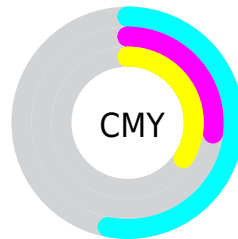
- Red (47%)
- Green (73%)
- Blue (66%)



- Red (47%)
- Yellow (62%)
- Blue (73%)



- Cyan (35%)
- Magenta (0%)
- Yellow (9%)
- Black (27%)





- Cyan (53%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 24.932, 175.476 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, 24.932, 175.476 by changing the saturation by 10% instead.


 71, 24.932,
175.476

 71, 24.932,
175.476


 100, 24.932,
175.476


 61, 24.932,
175.476


 91, 24.932,
175.476

 51, 24.932,
175.476

 41, 24.932,
175.476

 31, 24.932,
175.476

 21, 24.932,
175.476

 11, 24.932,
175.476

 1, 24.932, 175.476

0, 24.932, 175.476

71, 24.932,
175.476

71, 24.932,
175.476

70, 31.135,
174.299

72, 18.261,
176.558

69, 36.747,
173.012

73, 11.240,
177.575

69, 41.666,
171.588

75, 3.985, 178.588

76, 3.405, 359.219

68, 45.820,
170.003

78, 10.848, 0.155

68, 49.189,
168.238

80, 18.278, 0.975

67, 51.822,
166.285

82, 25.644, 1.753

■ 67, 52.907,
165.380

■ 82, 27.818,
358.033

■ 83, 28.725,
353.308

Harmonies

Complementary

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



71, 24.932, 175.476



58, 28.177, 3.085

Rectangle

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



71, 24.932, 175.476



71, 24.932, 225.476



71, 24.932, 355.476



71, 24.932, 45.476

Sweetspot

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



71, 24.933, 175.474



94, 9.972, 177.994



71, 40.238, 135.009



50, 6.745, 177.859



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 24.933, 175.474



89, 35.908, 174.630



67, 18.449, 225.877



39, 4.201, 178.175



58, 46.649, 165.662



9, 13.758, 171.363

Inverse Universe

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



58, 28.177, 3.085



70, 41.682, 4.312



61, 23.478, 42.612



37, 4.333, 359.777



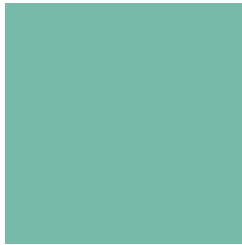
33, 62.423, 24.076



3, 12.699, 4.904

Previews

White Background



This preview shows how the CIELCh color 71, 24.932, 175.476 looks on a white background.

Color Contrast Check

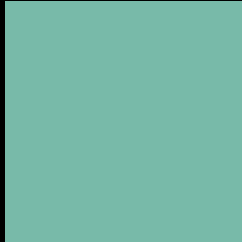
Large Text (above 18pt) WCAG AA × Fail

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, 24.932, 175.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

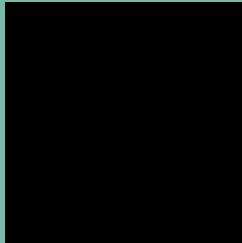
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

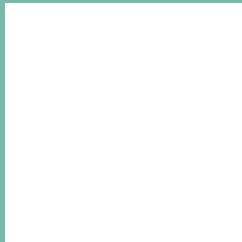
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 24.932, 175.476

Background



This preview shows how black text looks on a background with the CIELCh color 71, 24.932, 175.476.

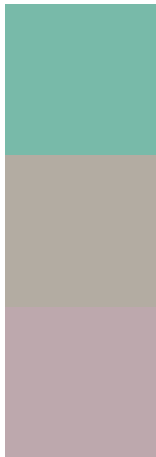


This preview shows how white text looks on a background with the CIELCh color 71, 24.932, 175.476.

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](#).

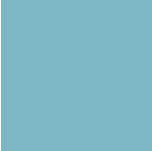
Dichromacy



Original Color
71, 24.932, 175.476

Protanopia
71, 6.066, 83.101

Deuteranopia
71, 8.470, 1.396



Tritanopia
71, 19.448, 223.259

Trichromacy



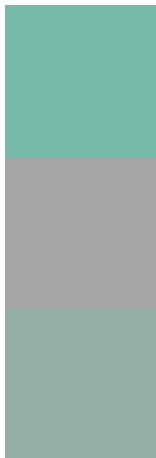
Original Color
71, 24.932, 175.476

Protanomaly
70, 9.746, 156.428

Deuteranomaly
71, 4.428, 177.412

Tritanomaly
71, 19.750, 202.683

Monochromacy



Original Color
71, 24.932, 175.476

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 9.497, 178.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 24.932, 175.476 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(120, 186, 169)` looks like.

```
.text, #text, p{  
    color:rgb(120, 186, 169)  
}
```

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(120, 186, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 186, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 24.932, 175.476 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(120, 186, 169) }
```

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

```
.border{ border-color:rgb(120, 186, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 186, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 186, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 186, 169);  
box-shadow:4px 4px 4px 4px rgb(120, 186,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 24.932, 175.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 186, 169) }
```

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

```
.background{ background-color: rgb(120,  
186, 169) }
```

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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