

Converting Colors

CIELCh(71, 16.393, 204.304)

Have a look what the booklet for
CIELCh(71, 16.393, 204.304)
contains.

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Color

CIELCh(71, 16.167, 204.018)

Conversions

Conversions Part 1

Format	Color
Hex	87B6B9
RGB	135, 182, 185
RGB Percent	53%, 71%, 73%
CMY	0.4700, 0.2857, 0.2739
CMYK	0.27, 0.02, 0.00, 0.27
HSL	184°, 26%, 63%
HSV	184°, 27%, 73%
XYZ	35.5450, 42.1875, 52.2495
YIQ	168.2890, -28.9750, -9.0310

Conversions

Conversions Part 2

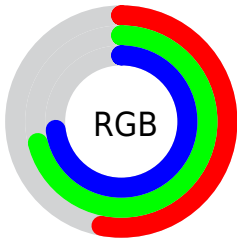
Format	Color
R_{YB}	135, 159, 185
Decimal	8894137
CIE _{Lab}	71.00, -14.77, -6.58
CIE _{LCh}	71, 16.167, 204.018
Yxy	42.1875, 0.2735, 0.3246
Android (android.graphics.Color)	4287084217 (0xFF87B6B9)
YUV	168.2890, 8.2385, -29.1945
Hunter-Lab	64.9519, -15.9816, -2.2285

Details

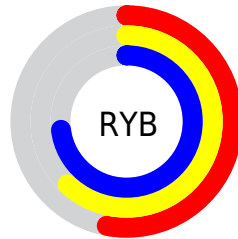
The CIELCh color **71, 16.167, 204.018** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 19.471, 26.206**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 16.326, 203.884**, and **51, 16.231, 204.037** is the 20% darker color. If you saturate the color by 10%, you get **70, 21.269, 203.889**, and if you desaturate by 10%, it is **72, 10.529, 204.240**.

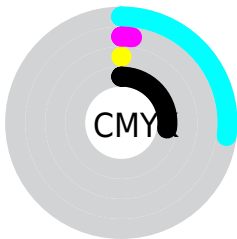
Distribution



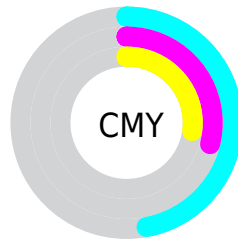
- Red (53%)
- Green (71%)
- Blue (73%)



- Red (53%)
- Yellow (62%)
- Blue (73%)



- Cyan (27%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)





- Cyan (47%)
- Magenta (29%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 16.167, 204.018 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, 16.167, 204.018 by changing the saturation by 10% instead.


 71, 16.167,
204.018


 71, 16.167,
204.018


 100, 16.167,
204.018


 61, 16.167,
204.018


 91, 16.167,
204.018

 51, 16.167,
204.018

 41, 16.167,
204.018

 31, 16.167,
204.018

 21, 16.167,
204.018

 11, 16.167,
204.018

 1, 16.167, 204.018

0, 16.167, 204.018

71, 16.167,
204.018

71, 16.167,
204.018

70, 21.269,
203.889

72, 10.529,
204.240

69, 25.733,
203.881

74, 4.459, 204.592

68, 29.467,
204.006

76, 1.948, 24.550

78, 8.605, 25.149

67, 32.400,
204.284

79, 15.440, 25.602

66, 34.500,
204.736

82, 22.390, 26.063

83, 25.519, 26.976

65, 35.780,
205.380

83, 25.173, 28.317

■ 65, 36.336,
206.219

■ 83, 24.841, 29.696

■ 65, 36.446,
206.485

Harmonies

Complementary

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



71, 16.167, 204.018



62, 19.471, 26.206

Rectangle

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



71, 16.167, 204.018



71, 16.167, 254.018



71, 16.167, 24.018



71, 16.167, 74.018

Sweetspot

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



71, 16.167, 204.013



93, 6.262, 204.541



71, 32.169, 143.963



49, 4.430, 204.480



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, 16.167, 204.013



89, 23.125, 203.932



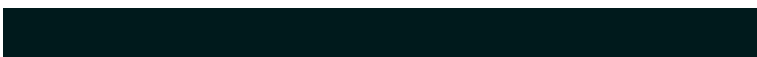
64, 16.891, 264.786



38, 3.560, 204.492



55, 32.073, 206.340



8, 9.593, 206.312

Inverse Universe

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



63, 31.969, 327.597



76, 46.619, 327.905



68, 17.769, 77.178



36, 6.633, 326.589



36, 76.267, 330.735



3, 17.711, 327.115

Previews

White Background



This preview shows how the CIELCh color 71, 16.167, 204.018 looks on a white background.

Color Contrast Check

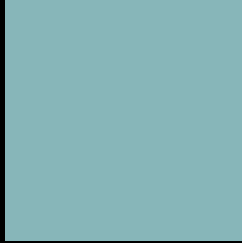
Large Text (above 18pt) WCAG AA × Fail

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, 16.167, 204.018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

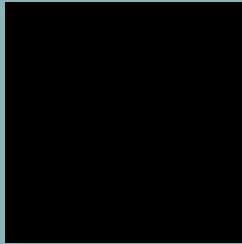
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 16.167, 204.018

Background



This preview shows how black text looks on a background with the CIELCh color 71, 16.167, 204.018.

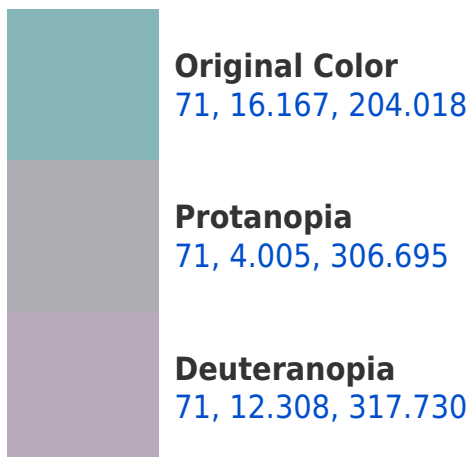


This preview shows how white text looks on a background with the CIELCh color 71, 16.167, 204.018.

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, 16.371, 226.405

Trichromacy



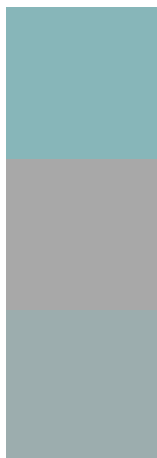
Original Color
71, 16.167, 204.018

Protanomaly
71, 6.028, 226.083

Deuteranomaly
71, 8.007, 272.626

Tritanomaly
71, 15.998, 218.398

Monochromacy



Original Color
71, 16.167, 204.018

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.232, 204.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 16.167, 204.018 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(135, 182, 185)` looks like.

```
.text, #text, p{  
    color:rgb(135, 182, 185)  
}
```

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(135, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 182, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 16.167, 204.018 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(135, 182, 185) }
```

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

```
.border{ border-color:rgb(135, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 182, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 182, 185);  
box-shadow:4px 4px 4px 4px rgb(135, 182,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 16.167, 204.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 182, 185) }
```

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

```
.background{ background-color: rgb(135,  
182, 185) }
```

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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