

Converting Colors

CIELCh(74, 20.186, 189.084)

Have a look what the booklet for
CIELCh(74, 20.186, 189.084)
contains.

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Color

CIELCh(74, 20.195, 188.545)

Conversions

Conversions Part 1

Format	Color
Hex	87C1BB
RGB	135, 193, 187
RGB Percent	53%, 76%, 73%
CMY	0.4718, 0.2443, 0.2679
CMYK	0.30, 0.00, 0.03, 0.24
HSL	174°, 32%, 64%
HSV	174°, 30%, 76%
XYZ	37.8818, 46.7039, 53.8602
YIQ	174.9740, -32.6420, -14.1620

Conversions

Conversions Part 2

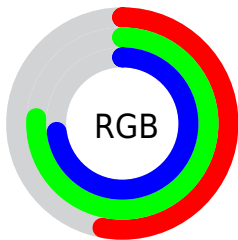
Format	Color
RYB	135, 166, 193
Decimal	8896955
CIELab	74.00, -19.97, -3.00
CIElCh	74, 20.195, 188.545
Yxy	46.7039, 0.2736, 0.3373
Android (android.graphics.Color)	4287087035 (0xFF87C1BB)
YUV	174.9740, 5.9288, -35.0572
Hunter-Lab	68.3403, -20.6508, 1.1107

Details

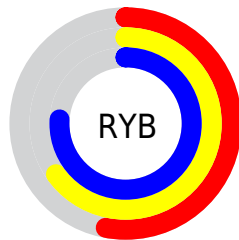
The CIELCh color **74, 20.195, 188.545** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 23.776, 13.959**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 20.343, 187.872**, and **54, 19.926, 189.079** is the 20% darker color. If you saturate the color by 10%, you get **73, 25.983, 187.722**, and if you desaturate by 10%, it is **75, 13.870, 189.348**.

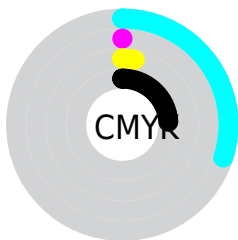
Distribution



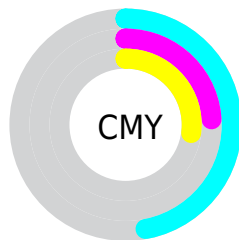
- Red (53%)
- Green (76%)
- Blue (73%)



- Red (53%)
- Yellow (65%)
- Blue (76%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)





- Cyan (47%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 20.195, 188.545 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 74, 20.195, 188.545 by changing the saturation by 10% instead.

 74, 20.195,
188.545

 74, 20.195,
188.545


 100, 20.195,
188.545


 64, 20.195,
188.545


 94, 20.195,
188.545

 54, 20.195,
188.545

 44, 20.195,
188.545

 34, 20.195,
188.545

 24, 20.195,
188.545

 14, 20.195,
188.545

 4, 20.195, 188.545

0, 20.195, 188.545

74, 20.195,
188.545

74, 20.195,
188.545

73, 25.983,
187.722

75, 13.870,
189.348

72, 31.115,
186.878

76, 7.123, 190.164

71, 35.491,
185.996

78, 0.067, 198.690

80, 7.201, 11.548

71, 39.037,
185.061

81, 14.596, 12.334

71, 41.723,
184.055

83, 22.049, 13.086

84, 23.914, 11.387

70, 43.575,
182.959

84, 24.024, 8.923

■ 70, 44.775,
181.795

■ 84, 24.180, 6.487

Harmonies

Complementary

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



74, 20.195, 188.545



62, 23.776, 13.959

Rectangle

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



74, 20.195, 188.545



74, 20.195, 238.545



74, 20.195, 8.545



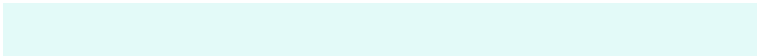
74, 20.195, 58.545

Sweetspot

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



74, 20.196, 188.542



97, 7.856, 190.245



73, 36.883, 139.483



51, 5.443, 190.121



99, 0.012, 296.813



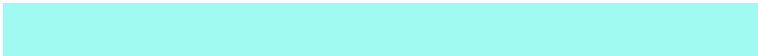
52, 0.007, 296.813

Same Dimension

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



74, 20.196, 188.542



93, 29.193, 188.014



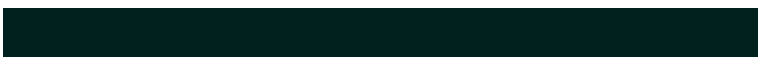
68, 16.795, 245.853



40, 4.024, 190.225



59, 39.069, 181.971



10, 13.285, 185.149

Inverse Universe

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



62, 23.776, 13.959



75, 35.751, 14.930



67, 19.391, 59.031



38, 4.219, 11.578



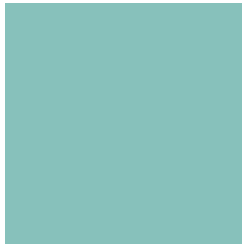
33, 69.649, 35.164



3, 14.086, 13.771

Previews

White Background



This preview shows how the CIELCh color 74, 20.195, 188.545 looks on a white background.

Color Contrast Check

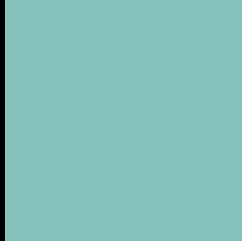
Large Text (above 18pt) WCAG AA × Fail

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 74, 20.195, 188.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

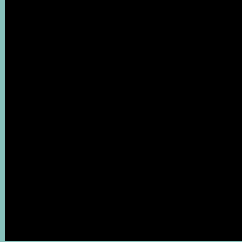
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

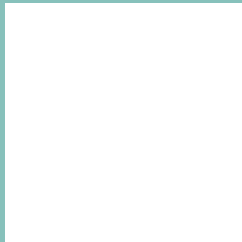
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 20.195, 188.545

Background



This preview shows how black text looks on a background with the CIELCh color 74, 20.195, 188.545.

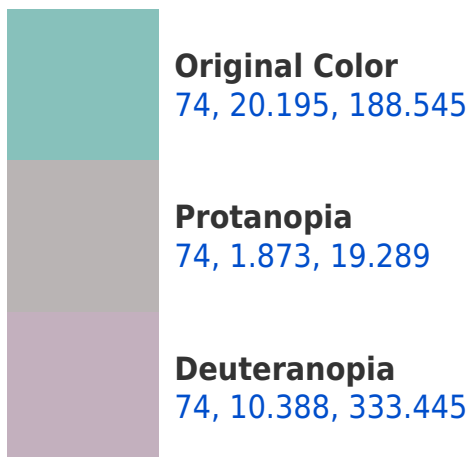


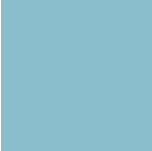
This preview shows how white text looks on a background with the CIELCh color 74, 20.195, 188.545.

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
74, 18.355, 224.728

Trichromacy



Original Color
74, 20.195, 188.545

Protanomaly
74, 6.794, 185.068

Deuteranomaly
74, 4.952, 249.442

Tritanomaly
74, 18.284, 210.149

Monochromacy



Original Color
74, 20.195, 188.545

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 7.738, 190.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 20.195, 188.545 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, 193, 187)` looks like.

```
.text, #text, p{  
    color:rgb(135, 193, 187)  
}
```

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, 193, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 193, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 20.195, 188.545 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, 193, 187) }
```

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

```
.border{ border-color:rgb(135, 193, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 193, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 193, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 193, 187);  
box-shadow:4px 4px 4px 4px rgb(135, 193,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 20.195, 188.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 193, 187) }
```

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

```
.background{ background-color: rgb(135,  
193, 187) }
```

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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