

Converting Colors

CIELCh(70, 24.536, 190.236)

Have a look what the booklet for
CIELCh(70, 24.536, 190.236)
contains.

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Color

CIELCh(70, 24.560, 189.709)

Conversions

Conversions Part 1

Format	Color
Hex	6FB8B2
RGB	111, 184, 178
RGB Percent	44%, 72%, 70%
CMY	0.5656, 0.2794, 0.3029
CMYK	0.40, 0.00, 0.03, 0.28
HSL	175°, 34%, 58%
HSV	175°, 40%, 72%
XYZ	31.6277, 40.7494, 48.1922
YIQ	161.4890, -41.5820, -17.3420

Conversions

Conversions Part 2

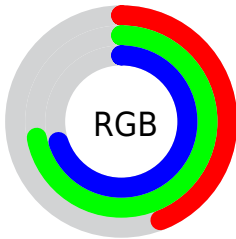
Format	Color
RYB	111, 149, 184
Decimal	7321778
CIELab	70.00, -24.21, -4.14
CIELCh	70, 24.560, 189.709
Yxy	40.7494, 0.2623, 0.3380
Android (android.graphics.Color)	4285511858 (0xFF6FB8B2)
YUV	161.4890, 8.1399, -44.2789
Hunter-Lab	63.8353, -23.2723, -0.0761

Details

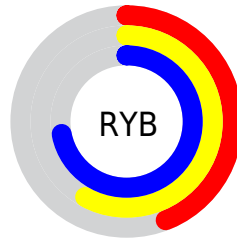
The CIELCh color **70, 24.560, 189.709** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **55, 31.018, 17.052**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 24.410, 190.430**, and **50, 24.698, 188.661** is the 20% darker color. If you saturate the color by 10%, you get **69, 29.431, 188.951**, and if you desaturate by 10%, it is **71, 19.053, 190.453**.

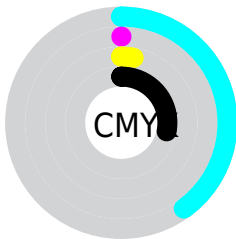
Distribution



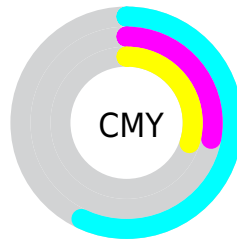
- Red (44%)
- Green (72%)
- Blue (70%)



- Red (44%)
- Yellow (58%)
- Blue (72%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)





- Cyan (57%)
- Magenta (28%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 24.560, 189.709 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 70, 24.560, 189.709 by changing the saturation by 10% instead.


 70, 24.560,
189.709


 70, 24.560,
189.709


 100, 24.560,
189.709


 60, 24.560,
189.709


 90, 24.560,
189.709

 50, 24.560,
189.709

 40, 24.560,
189.709

 30, 24.560,
189.709

 20, 24.560,
189.709

 10, 24.560,
189.709

 0, 24.560, 189.709

70, 24.560,
189.709

70, 24.560,
189.709

69, 29.431,
188.951

71, 19.053,
190.453

69, 33.568,
188.177

72, 13.018,
191.200

68, 36.903,
187.370

73, 6.568, 191.969

68, 39.408,
186.517

75, 0.192, 9.988

76, 7.167, 13.277

67, 41.106,
185.600

78, 14.277, 14.035

67, 42.176,
184.624

80, 21.455, 14.764

81, 27.563, 15.124

67, 42.203,
184.597

81, 27.577, 13.485

Harmonies

Complementary

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



70, 24.560, 189.709



55, 31.018, 17.052

Rectangle

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



70, 24.560, 189.709



70, 24.560, 239.709



70, 24.560, 9.709



70, 24.560, 59.709

Sweetspot

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



70, 24.560, 189.707



93, 10.007, 191.773



69, 47.103, 139.578



49, 6.615, 191.673



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 24.560, 189.707



88, 35.411, 189.021



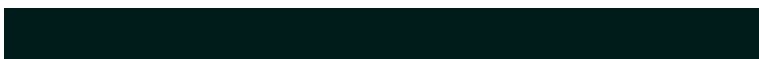
61, 21.417, 252.101



38, 3.827, 192.000



58, 37.273, 184.736



8, 10.822, 188.562

Inverse Universe

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



55, 31.018, 17.052



66, 47.520, 18.779



62, 25.465, 61.781



36, 4.021, 13.273



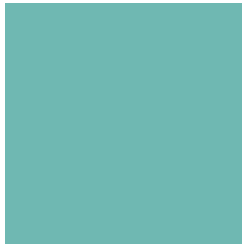
32, 68.789, 36.137



2, 10.691, 14.417

Previews

White Background



This preview shows how the CIELCh color 70, 24.560, 189.709 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 70, 24.560, 189.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

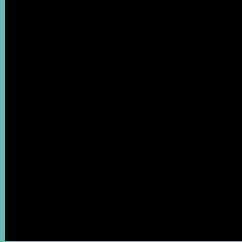
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

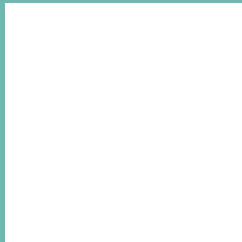
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 24.560, 189.709

Background



This preview shows how black text looks on a background with the CIELCh color 70, 24.560, 189.709.

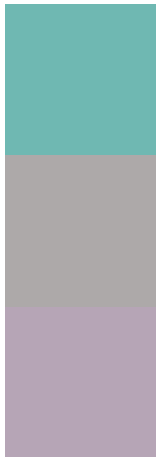


This preview shows how white text looks on a background with the CIELCh color 70, 24.560, 189.709.

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

70, 24.560, 189.709

Protanopia

70, 1.515, 19.216

Deuteranopia

70, 11.312, 324.926



Tritanopia
70, 21.982, 220.055

Trichromacy



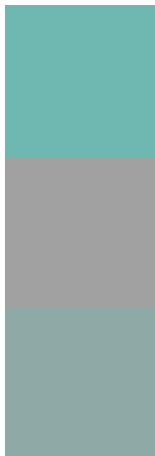
Original Color
70, 24.560, 189.709

Protanomaly
69, 8.838, 191.556

Deuteranomaly
69, 7.160, 236.982

Tritanomaly
70, 22.221, 207.755

Monochromacy



Original Color
70, 24.560, 189.709

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 9.575, 191.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 24.560, 189.709 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(111, 184, 178)` looks like.

```
.text, #text, p{  
    color:rgb(111, 184, 178)  
}
```

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(111, 184, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 184, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 24.560, 189.709 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(111, 184, 178) }
```

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

```
.border{ border-color:rgb(111, 184, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 184, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 184, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 184, 178);  
box-shadow:4px 4px 4px 4px rgb(111, 184,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 24.560, 189.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 184, 178) }
```

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

```
.background{ background-color: rgb(111,  
184, 178) }
```

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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