

Converting Colors

CIELCh(70, 24.294, 206.698)

Have a look what the booklet for
CIELCh(70, 24.294, 206.698)
contains.

CIELCh(70, 24.282, 206.746)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 24.282, 206.746)

Conversions

Conversions Part 1

Format	Color
Hex	6BB7BE
RGB	107, 183, 190
RGB Percent	42%, 72%, 75%
CMY	0.5801, 0.2820, 0.2546
CMYK	0.44, 0.04, 0.00, 0.25
HSL	185°, 39%, 58%
HSV	185°, 44%, 75%
XYZ	32.3240, 40.7494, 54.9198
YIQ	161.0740, -47.5430, -13.9350

Conversions

Conversions Part 2

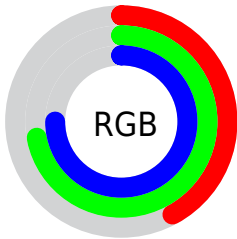
Format	Color
RYB	107, 147, 190
Decimal	7059390
CIELab	70.00, -21.68, -10.93
CIElCh	70, 24.282, 206.746
Yxy	40.7494, 0.2525, 0.3184
Android (android.graphics.Color)	4285249470 (0xFF6BB7BE)
YUV	161.0740, 14.2605, -47.4229
Hunter-Lab	63.8353, -21.3253, -6.3247

Details

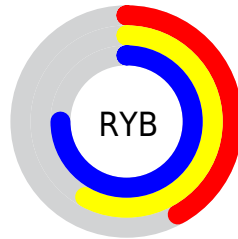
The CIELCh color **70, 24.282, 206.746** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 33.616, 29.824**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 24.164, 206.640**, and **50, 24.390, 206.844** is the 20% darker color. If you saturate the color by 10%, you get **69, 28.255, 207.011**, and if you desaturate by 10%, it is **71, 19.604, 206.635**.

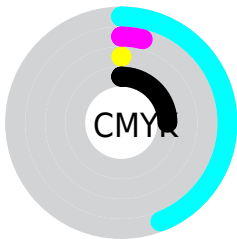
Distribution



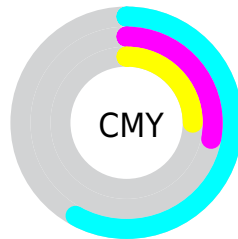
- Red (42%)
- Green (72%)
- Blue (75%)



- Red (42%)
- Yellow (58%)
- Blue (75%)



- Cyan (44%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)





- Cyan (58%)
- Magenta (28%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 24.282, 206.746 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, 24.282, 206.746 by changing the saturation by 10% instead.

 70, 24.282,
206.746

 70, 24.282,
206.746


 100, 24.282,
206.746


 60, 24.282,
206.746


 90, 24.282,
206.746

 50, 24.282,
206.746

 40, 24.282,
206.746

 30, 24.282,
206.746

 20, 24.282,
206.746

 10, 24.282,
206.746

 0, 24.282, 206.746

70, 24.282,
206.746

70, 24.282,
206.746

69, 28.255,
207.011

71, 19.604,
206.635

68, 31.444,
207.466

73, 14.320,
206.662

67, 33.798,
208.140

75, 8.535, 206.809

66, 35.313,
209.062

76, 2.349, 207.181

78, 4.146, 27.096

65, 36.047,
210.259

80, 10.869, 27.499

65, 36.251,
211.122

82, 17.751, 27.878

84, 23.103, 28.654

85, 22.639, 30.858

Harmonies

Complementary

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



70, 24.282, 206.746



56, 33.616, 29.824

Rectangle

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



70, 24.282, 206.746



70, 24.282, 256.746



70, 24.282, 26.746



70, 24.282, 76.746

Sweetspot

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



70, 24.282, 206.743



94, 10.070, 206.819



70, 51.400, 143.291



50, 7.058, 206.774



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 24.282, 206.743



87, 34.074, 206.982



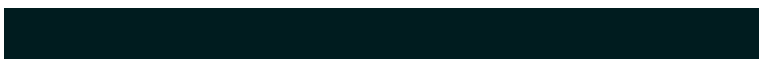
58, 29.011, 271.638



39, 3.561, 206.917



55, 31.665, 210.897



8, 10.431, 208.457

Inverse Universe

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



57, 51.219, 329.283



69, 74.141, 329.780



66, 30.827, 78.111



37, 6.672, 327.307



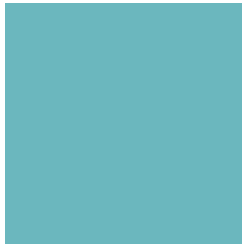
37, 75.733, 331.854



3, 19.778, 328.608

Previews

White Background



This preview shows how the CIELCh color 70, 24.282, 206.746 looks on a white background.

Color Contrast Check

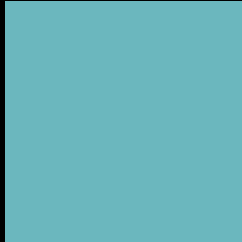
Large Text (above 18pt) WCAG AA × Fail

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 70, 24.282, 206.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

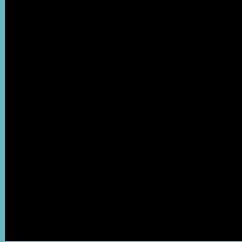
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

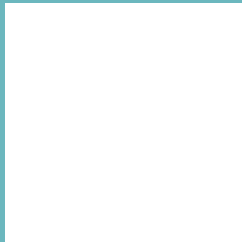
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 24.282, 206.746

Background



This preview shows how black text looks on a background with the CIELCh color 70, 24.282, 206.746.

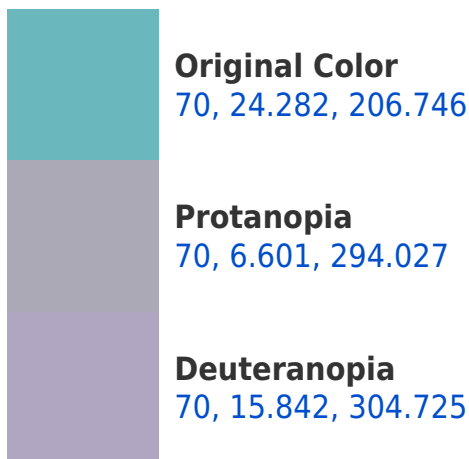


This preview shows how white text looks on a background with the CIELCh color 70, 24.282, 206.746.

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
70, 23.915, 218.039

Trichromacy



Original Color
70, 24.282, 206.746



Protanomaly
69, 10.818, 229.366



Deuteranomaly
69, 13.419, 258.577



Tritanomaly
70, 23.917, 213.794

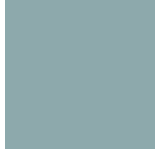
Monochromacy



Original Color
70, 24.282, 206.746



Achromatopsia
66, 0.008, 296.813



Achromatomaly
67, 10.137, 208.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 24.282, 206.746 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(107, 183, 190)` looks like.

```
.text, #text, p{  
    color:rgb(107, 183, 190)  
}
```

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(107, 183, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 183, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 24.282, 206.746 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(107, 183, 190) }
```

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

```
.border{ border-color:rgb(107, 183, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 183, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 183, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 183, 190);  
box-shadow:4px 4px 4px 4px rgb(107, 183,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 24.282, 206.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 183, 190) }
```

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

```
.background{ background-color: rgb(107,  
183, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor