

Converting Colors

CIELCh(70, 24.837, 197.474)

Have a look what the booklet for
CIELCh(70, 24.837, 197.474)
contains.

CIELCh(70, 24.882, 197.461)	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, 24.882, 197.461)

Conversions

Conversions Part 1

Format	Color
Hex	6BB8B8
RGB	107, 184, 184
RGB Percent	42%, 72%, 72%
CMY	0.5813, 0.2793, 0.2793
CMYK	0.42, 0.00, 0.00, 0.28
HSL	180°, 35%, 57%
HSV	180°, 42%, 72%
XYZ	31.7574, 40.7494, 51.4146
YIQ	160.9770, -45.8920, -16.3240

Conversions

Conversions Part 2

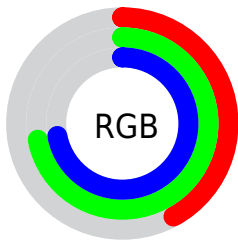
Format	Color
R _Y B	107, 146, 184
Decimal	7059640
CIE Lab	70.00, -23.74, -7.47
CIE LCh	70, 24.882, 197.461
Yxy	40.7494, 0.2563, 0.3288
Android (android.graphics.Color)	4285249720 (0xFF6BB8B8)
YUV	160.9770, 11.3503, -47.3378
Hunter-Lab	63.8353, -22.9098, -3.0690

Details

The CIELCh color **70, 24.882, 197.461** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54, 33.438, 23.553**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 24.932, 197.808**, and **50, 24.987, 196.916** is the 20% darker color. If you saturate the color by 10%, you get **69, 29.265, 197.123**, and if you desaturate by 10%, it is **71, 19.791, 197.856**.

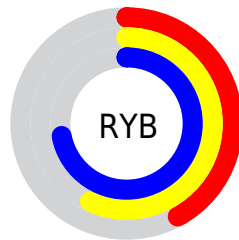
Distribution



Red (42%)

Green (72%)

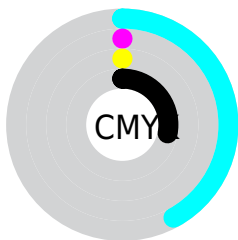
Blue (72%)



Red (42%)

Yellow (57%)

Blue (72%)

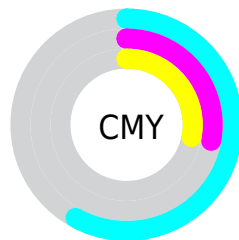


Cyan (42%)

Magenta (0%)

Yellow (0%)

Black (28%)



Cyan (58%)


Magenta (28%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 24.882, 197.461 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, 24.882, 197.461 by changing the saturation by 10% instead.


 70, 24.882,
197.461


 70, 24.882,
197.461


 100, 24.882,
197.461


 60, 24.882,
197.461


 90, 24.882,
197.461

 50, 24.882,
197.461

 40, 24.882,
197.461

 30, 24.882,
197.461

 20, 24.882,
197.461

 10, 24.882,
197.461

 0, 24.882, 197.461

70, 24.882,
197.461

70, 24.882,
197.461

69, 29.265,
197.123

71, 19.791,
197.856

69, 32.860,
196.852

72, 14.090,
198.312

68, 35.620,
196.647

73, 7.887, 198.833

68, 37.543,
196.505

74, 1.288, 199.702

76, 5.608, 19.772

68, 38.677,
196.422

78, 12.713, 20.412

68, 39.185,
196.385

79, 19.953, 21.032

81, 27.269, 21.656

81, 27.750, 21.696

Harmonies

Complementary

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



70, 24.882, 197.461



54, 33.438, 23.553

Rectangle

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



70, 24.882, 197.461



70, 24.882, 247.461



70, 24.882, 17.461



70, 24.882, 67.461

Sweetspot

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



70, 24.882, 197.459



93, 10.655, 198.759



68, 50.600, 140.896



49, 7.405, 198.641



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, 24.882, 197.459



88, 35.194, 197.156



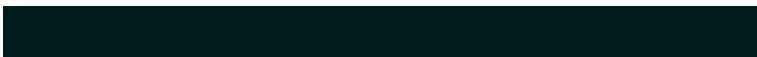
59, 24.021, 260.787



38, 3.777, 198.984



58, 34.644, 196.385



8, 10.518, 197.737

Inverse Universe

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



54, 33.438, 23.553



64, 50.867, 25.213



63, 27.407, 68.536



36, 4.004, 19.914



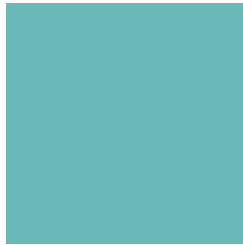
32, 71.870, 39.598



2, 10.638, 19.404

Previews

White Background



This preview shows how the CIE LCh color 70, 24.882, 197.461 looks on a white background.

Color Contrast Check

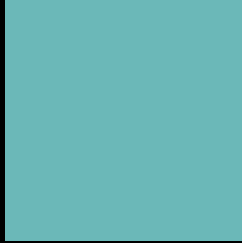
Large Text (above 18pt) WCAG AA × Fail

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, 24.882, 197.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

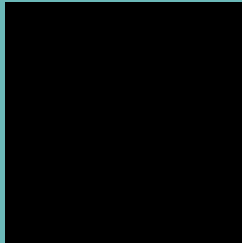
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

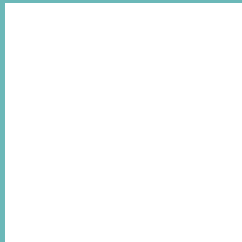
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 24.882, 197.461

Background



This preview shows how black text looks on a background with the CIELCh color 70, 24.882, 197.461.

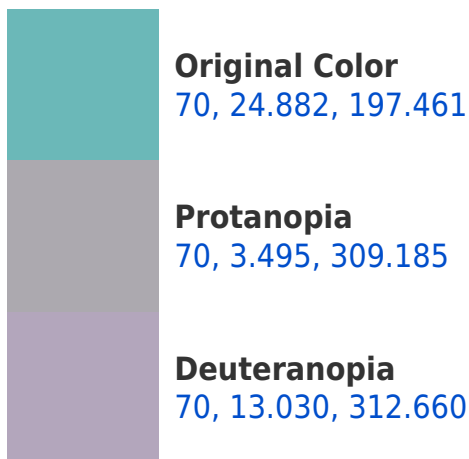


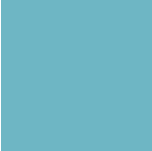
This preview shows how white text looks on a background with the CIELCh color 70, 24.882, 197.461.

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, 23.583, 216.911

Trichromacy



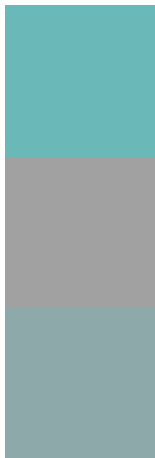
Original Color
70, 24.882, 197.461

Protanomaly
69, 9.498, 212.127

Deuteranomaly
69, 10.055, 249.073

Tritanomaly
70, 23.798, 209.707

Monochromacy



Original Color
70, 24.882, 197.461

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 10.127, 198.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 24.882, 197.461 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, 184, 184)` looks like.

```
.text, #text, p{  
    color:rgb(107, 184, 184)  
}
```

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, 184, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 184, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 24.882, 197.461 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, 184, 184) }
```

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

```
.border{ border-color:rgb(107, 184, 184) }
```

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

Here you see how a box with a 4 pixel rgb(107, 184, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 184, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 184, 184);  
box-shadow:4px 4px 4px 4px rgb(107, 184,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 24.882, 197.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 184, 184) }
```

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

```
.background{ background-color: rgb(107,  
184, 184) }
```

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