

Converting Colors

CIELCh(70, 30.243, 187.557)

Have a look what the booklet for
CIELCh(70, 30.243, 187.557)
contains.

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Color

CIELCh(70, 30.088, 187.529)

Conversions

Conversions Part 1

Format	Color
Hex	5DBAB1
RGB	93, 186, 177
RGB Percent	36%, 73%, 69%
CMY	0.6343, 0.2696, 0.3049
CMYK	0.50, 0.00, 0.05, 0.27
HSL	174°, 40%, 55%
HSV	174°, 50%, 73%
XYZ	30.1135, 40.7494, 48.0032
YIQ	157.1670, -52.5390, -22.5150

Conversions

Conversions Part 2

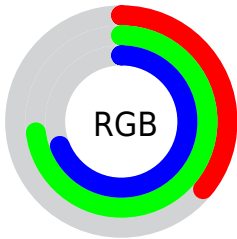
Format	Color
RYB	93, 142, 186
Decimal	6142641
CIELab	70.00, -29.83, -3.94
CIELCh	70, 30.088, 187.529
Yxy	40.7494, 0.2533, 0.3428
Android (android.graphics.Color)	4284332721 (0xFF5DBAB1)
YUV	157.1670, 9.7777, -56.2745
Hunter-Lab	63.8353, -27.5067, 0.0995

Details

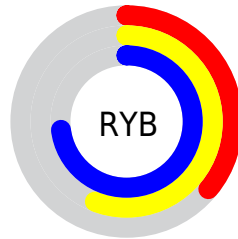
The CIELCh color **70, 30.088, 187.529** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **51, 40.254, 17.931**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 29.736, 188.358**, and **50, 29.792, 188.436** is the 20% darker color. If you saturate the color by 10%, you get **69, 34.331, 186.679**, and if you desaturate by 10%, it is **71, 25.110, 188.343**.

Distribution



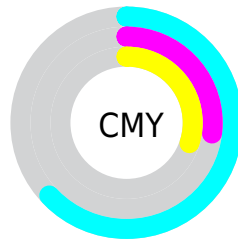
- Red (36%)
- Green (73%)
- Blue (69%)



- Red (36%)
- Yellow (56%)
- Blue (73%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)





- Cyan (63%)
- Magenta (27%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 30.088, 187.529 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, 30.088, 187.529 by changing the saturation by 10% instead.


 70, 30.088,
187.529


 70, 30.088,
187.529


 100, 30.088,
187.529


 60, 30.088,
187.529


 90, 30.088,
187.529

 50, 30.088,
187.529

 40, 30.088,
187.529

 30, 30.088,
187.529

 20, 30.088,
187.529

 10, 30.088,
187.529

 0, 30.088, 187.529

70, 30.088,
187.529

70, 30.088,
187.529

69, 34.331,
186.679

71, 25.110,
188.343

69, 37.767,
185.785

72, 19.495,
189.139

68, 40.366,
184.827

73, 13.354,
189.926

68, 42.153,
183.789

74, 6.802, 190.728

68, 43.313,
182.677

76, 0.054, 2.014

77, 7.117, 12.087

68, 43.322,
182.669

79, 14.308, 12.863

81, 21.560, 13.607

82, 26.533, 13.462

Harmonies

Complementary

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



70, 30.088, 187.529



51, 40.254, 17.931

Rectangle

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



70, 30.088, 187.529



70, 30.088, 237.529



70, 30.088, 7.529



70, 30.088, 57.529

Sweetspot

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



70, 30.088, 187.527



93, 12.585, 190.296



69, 58.852, 138.319



50, 8.614, 190.128



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 30.088, 187.527



88, 42.307, 186.587



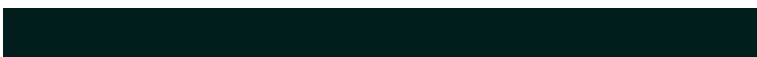
59, 26.241, 252.381



39, 3.929, 190.775



58, 38.326, 182.823



9, 12.237, 186.253

Inverse Universe

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



51, 40.254, 17.931



60, 60.819, 20.716



59, 33.392, 59.088



37, 4.122, 12.101



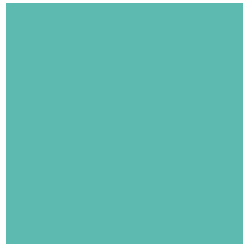
33, 69.063, 35.454



3, 12.326, 13.841

Previews

White Background



This preview shows how the CIE LCh color 70, 30.088, 187.529 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, 30.088, 187.529 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

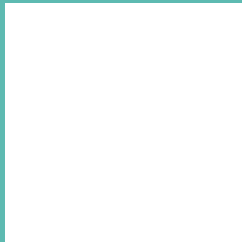
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 30.088, 187.529

Background



This preview shows how black text looks on a background with the CIELCh color 70, 30.088, 187.529.

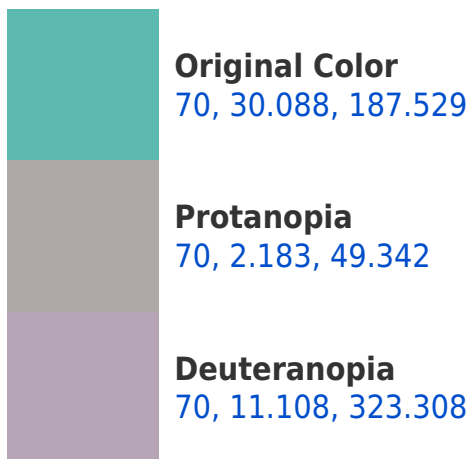


This preview shows how white text looks on a background with the CIELCh color 70, 30.088, 187.529.

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, 26.198, 216.038

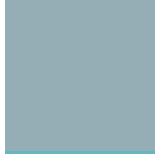
Trichromacy



Original Color
70, 30.088, 187.529



Protanomaly
69, 11.142, 187.103



Deuteranomaly
69, 9.279, 223.364

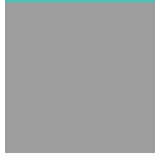


Tritanomaly
70, 26.720, 204.517

Monochromacy



Original Color
70, 30.088, 187.529



Achromatopsia
65, 0.008, 296.813



Achromatomaly
66, 12.560, 188.152

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 30.088, 187.529 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(93, 186, 177)` looks like.

```
.text, #text, p{  
    color:rgb(93, 186, 177)  
}
```

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(93, 186, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 186, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 30.088, 187.529 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(93, 186, 177) }
```

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

```
.border{ border-color:rgb(93, 186, 177) }
```

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

Here you see how a box with a 4 pixel rgb(93, 186, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 186, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 186, 177);  
box-shadow:4px 4px 4px 4px rgb(93, 186,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 30.088, 187.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 186, 177) }
```

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

```
.background{ background-color: rgb(93, 186,  
177) }
```

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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