

Converting Colors

CIELCh(69, 30.815, 183.216)

Have a look what the booklet for
CIELCh(69, 30.815, 183.216)
contains.

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Color

CIELCh(69, 30.897, 183.492)

Conversions

Conversions Part 1

Format	Color
Hex	5BB8AB
RGB	91, 184, 171
RGB Percent	36%, 72%, 67%
CMY	0.6439, 0.2792, 0.3302
CMYK	0.51, 0.00, 0.07, 0.28
HSL	172°, 40%, 54%
HSV	172°, 51%, 72%
XYZ	28.7250, 39.3444, 44.5110
YIQ	154.7110, -51.2550, -23.7590

Conversions

Conversions Part 2

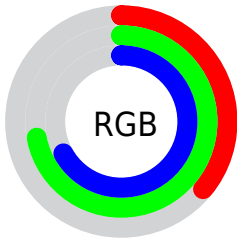
Format	Color
RYB	91, 141, 184
Decimal	6011051
CIELab	69.00, -30.84, -1.88
CIElCh	69, 30.897, 183.492
Yxy	39.3444, 0.2552, 0.3495
Android (android.graphics.Color)	4284201131 (0xFF5BB8AB)
YUV	154.7110, 8.0305, -55.8745
Hunter-Lab	62.7251, -28.0248, 1.8342

Details

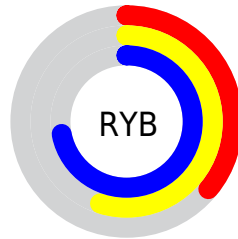
The CIELCh color **69, 30.897, 183.492** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **50, 40.172, 14.829**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 30.635, 183.540**, and **49, 30.729, 184.040** is the 20% darker color. If you saturate the color by 10%, you get **68, 35.298, 182.456**, and if you desaturate by 10%, it is **70, 25.789, 184.460**.

Distribution



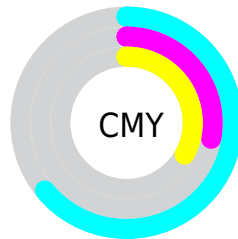
- Red (36%)
- Green (72%)
- Blue (67%)



- Red (36%)
- Yellow (55%)
- Blue (72%)



- Cyan (51%)
- Magenta (0%)
- Yellow (7%)
- Black (28%)





- Cyan (64%)
- Magenta (28%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 30.897, 183.492 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 69, 30.897, 183.492 by changing the saturation by 10% instead.

 69, 30.897,
183.492


 69, 30.897,
183.492


 100, 30.897,
183.492

 59, 30.897,
183.492

 89, 30.897,
183.492

 49, 30.897,
183.492

 99, 30.897,
183.492

 39, 30.897,
183.492

 29, 30.897,
183.492

 19, 30.897,
183.492

 9, 30.897, 183.492

 0, 30.897, 183.492

69, 30.897,
183.492

69, 30.897,
183.492

68, 35.298,
182.456

70, 25.789,
184.460

68, 38.917,
181.338

71, 20.074,
185.381

67, 41.722,
180.116

72, 13.866,
186.268

67, 43.738,
178.770

73, 7.278, 187.147

67, 45.091,
177.416

75, 0.417, 189.088

76, 6.624, 8.626

78, 13.764, 9.447

80, 20.940, 10.223

81, 27.636, 10.742

Harmonies

Complementary

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



69, 30.897, 183.492



50, 40.172, 14.829

Rectangle

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



69, 30.897, 183.492



69, 30.897, 233.492



69, 30.897, 3.492



69, 30.897, 53.492

Sweetspot

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



69, 30.897, 183.490



92, 12.669, 186.736



68, 58.096, 137.115



49, 8.602, 186.553



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 30.897, 183.490



87, 43.762, 182.303



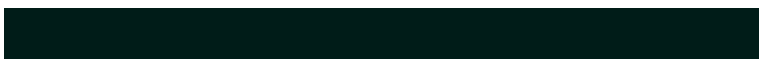
60, 25.249, 245.507



38, 3.894, 187.261



57, 39.776, 177.624



8, 11.157, 182.509

Inverse Universe

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



50, 40.172, 14.829



60, 60.666, 17.778



57, 33.756, 53.984



36, 4.065, 8.698



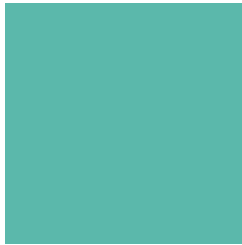
32, 66.363, 32.884



2, 10.776, 10.970

Previews

White Background



This preview shows how the CIE LCh color 69, 30.897, 183.492 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 69, 30.897, 183.492 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

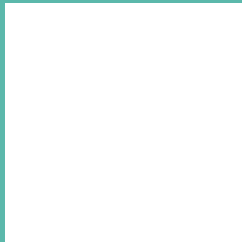
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 30.897, 183.492

Background



This preview shows how black text looks on a background with the CIELCh color 69, 30.897, 183.492.

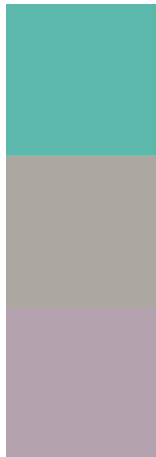


This preview shows how white text looks on a background with the CIELCh color 69, 30.897, 183.492.

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](#).

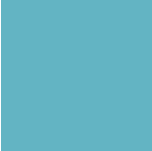
Dichromacy



Original Color
69, 30.897, 183.492

Protanopia
69, 3.792, 79.312

Deuteranopia
68, 9.887, 334.033



Tritanopia
69, 25.733, 216.459

Trichromacy



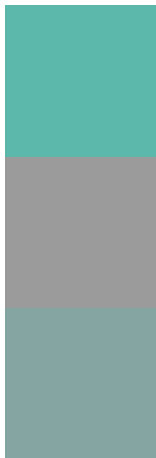
Original Color
69, 30.897, 183.492

Protanomaly
68, 12.262, 177.308

Deuteranomaly
68, 8.097, 210.624

Tritanomaly
69, 26.503, 203.371

Monochromacy



Original Color
69, 30.897, 183.492

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 12.256, 187.875

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 30.897, 183.492 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(91, 184, 171)` looks like.

```
.text, #text, p{  
    color:rgb(91, 184, 171)  
}
```

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(91, 184, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 184, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 30.897, 183.492 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(91, 184, 171) }
```

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

```
.border{ border-color:rgb(91, 184, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 184, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 184, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 184, 171);  
box-shadow:4px 4px 4px 4px rgb(91, 184,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 30.897, 183.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 184, 171) }
```

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

```
.background{ background-color: rgb(91, 184,  
171) }
```

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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