

Converting Colors

CIELCh(68, 27.422, 172.744)

Have a look what the booklet for
CIELCh(68, 27.422, 172.744)
contains.

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Color

CIELCh(68, 27.224, 173.236)

Conversions

Conversions Part 1

Format	Color
Hex	6CB39F
RGB	108, 179, 159
RGB Percent	42%, 70%, 62%
CMY	0.5761, 0.2977, 0.3762
CMYK	0.40, 0.00, 0.11, 0.30
HSL	163°, 32%, 56%
HSV	163°, 40%, 70%
XYZ	28.5954, 37.9720, 38.6593
YIQ	155.4910, -35.8960, -21.2720

Conversions

Conversions Part 2

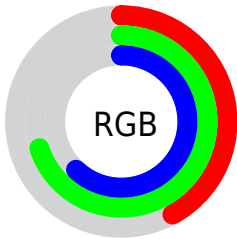
Format	Color
RYB	108, 149, 179
Decimal	7123871
CIELab	68.00, -27.03, 3.21
CIELCh	68, 27.224, 173.236
Yxy	37.9720, 0.2718, 0.3609
Android (android.graphics.Color)	4285313951 (0xFF6CB39F)
YUV	155.4910, 1.7299, -41.6496
Hunter-Lab	61.6215, -25.0046, 5.9384

Details

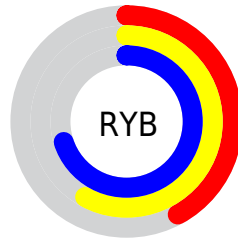
The CIELCh color **68, 27.224, 173.236** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **54, 30.879, 1.999**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 27.186, 173.731**, and **48, 27.130, 173.455** is the 20% darker color. If you saturate the color by 10%, you get **67, 33.168, 171.991**, and if you desaturate by 10%, it is **69, 20.795, 174.371**.

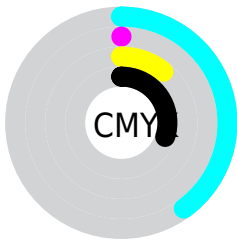
Distribution



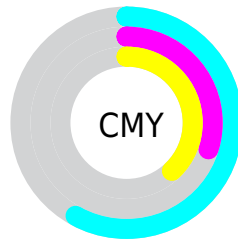
- Red (42%)
- Green (70%)
- Blue (62%)



- Red (42%)
- Yellow (58%)
- Blue (70%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)



- Cyan (58%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 27.224, 173.236 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 68, 27.224, 173.236 by changing the saturation by 10% instead.

 68, 27.224,
173.236


 68, 27.224,
173.236


 100, 27.224,
173.236


 58, 27.224,
173.236


 88, 27.224,
173.236

 48, 27.224,
173.236

 98, 27.224,
173.236

 38, 27.224,
173.236

 28, 27.224,
173.236

 18, 27.224,
173.236

 8, 27.224, 173.236

 0, 27.224, 173.236

■ 68, 27.224,
173.236

■ 68, 27.224,
173.236

■ 67, 33.168,
171.991

■ 69, 20.795,
174.371

■ 66, 38.511,
170.619

■ 70, 13.996,
175.423

■ 66, 43.163,
169.092

■ 72, 6.944, 176.424

■ 65, 47.069,
167.388

■ 73, 0.260, 355.553

■ 75, 7.530, 358.065

■ 65, 50.231,
165.493

■ 76, 14.798,
358.908

■ 65, 52.812,
163.461

■ 78, 22.009,
359.693

■ 65, 52.901,
163.392

■ 80, 29.124, 0.440

■ 81, 31.192,

Harmonies

Complementary

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



68, 27.224, 173.236



54, 30.879, 1.999

Rectangle

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



68, 27.224, 173.236



68, 27.224, 223.236



68, 27.224, 353.236



68, 27.224, 43.236

Sweetspot

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



68, 27.225, 173.234



90, 10.639, 176.170



68, 43.284, 134.282



48, 7.106, 176.042



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 27.225, 173.234



85, 39.687, 172.100



64, 19.750, 223.993



37, 4.067, 176.457



56, 46.897, 163.679



7, 10.533, 170.536

Inverse Universe

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



54, 30.879, 1.999



64, 46.371, 3.678



57, 26.104, 41.003



35, 4.183, 358.052



32, 60.118, 21.821



2, 9.640, 1.917

Previews

White Background



This preview shows how the CIELCh color 68, 27.224, 173.236 looks on a white background.

Color Contrast Check

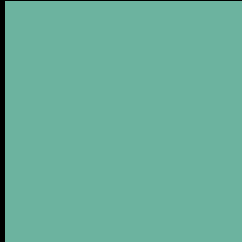
Large Text (above 18pt) WCAG AA × Fail

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 68, 27.224, 173.236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

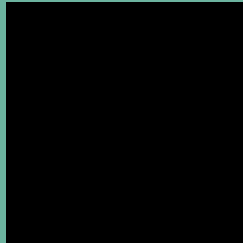
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 27.224, 173.236

Background



This preview shows how black text looks on a background with the CIELCh color 68, 27.224, 173.236.

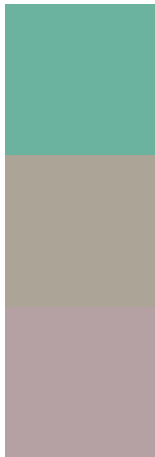


This preview shows how white text looks on a background with the CIELCh color 68, 27.224, 173.236.

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](#).

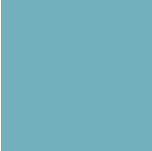
Dichromacy



Original Color
68, 27.224, 173.236

Protanopia
68, 7.641, 88.297

Deuteranopia
68, 8.290, 8.686



Tritanopia
68, 20.362, 220.438

Trichromacy



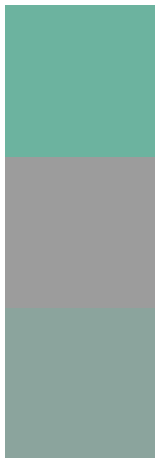
Original Color
68, 27.224, 173.236

Protanomaly
67, 11.561, 152.875

Deuteranomaly
67, 5.645, 169.755

Tritanomaly
68, 20.975, 200.765

Monochromacy



Original Color
68, 27.224, 173.236

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 10.151, 176.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 27.224, 173.236 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(108, 179, 159)` looks like.

```
.text, #text, p{  
    color:rgb(108, 179, 159)  
}
```

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(108, 179, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 179, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 27.224, 173.236 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(108, 179, 159) }
```

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

```
.border{ border-color:rgb(108, 179, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 179, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 179, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 179, 159);  
box-shadow:4px 4px 4px 4px rgb(108, 179,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 27.224, 173.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 179, 159) }
```

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

```
.background{ background-color: rgb(108,  
179, 159) }
```

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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