

Converting Colors

CIELCh(68, 21.622, 187.076)

Have a look what the booklet for
CIELCh(68, 21.622, 187.076)
contains.

CIELCh(68, 21.693, 187.320)	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(68, 21.693, 187.320)

Conversions

Conversions Part 1

Format	Color
Hex	73B1AA
RGB	115, 177, 170
RGB Percent	45%, 69%, 67%
CMY	0.5492, 0.3060, 0.3335
CMYK	0.35, 0.00, 0.04, 0.31
HSL	173°, 28%, 57%
HSV	173°, 35%, 69%
XYZ	30.0318, 37.9720, 43.7577
YIQ	157.6640, -34.7050, -15.3210

Conversions

Conversions Part 2

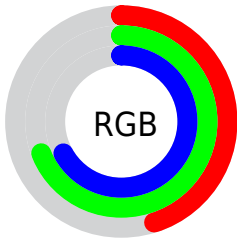
Format	Color
RYB	115, 148, 177
Decimal	7582122
CIELab	68.00, -21.52, -2.76
CIElCh	68, 21.693, 187.320
Yxy	37.9720, 0.2687, 0.3398
Android (android.graphics.Color)	4285772202 (0xFF73B1AA)
YUV	157.6640, 6.0816, -37.4163
Hunter-Lab	61.6215, -20.8438, 1.0329

Details

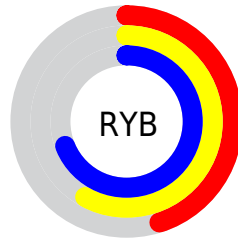
The CIELCh color **68, 21.693, 187.320** is a light color, and the websafe version is hex **669999**. A complement of this color would be **55, 26.163, 13.928**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 21.864, 186.873**, and **48, 21.515, 187.584** is the 20% darker color. If you saturate the color by 10%, you get **67, 26.863, 186.461**, and if you desaturate by 10%, it is **69, 15.979, 188.149**.

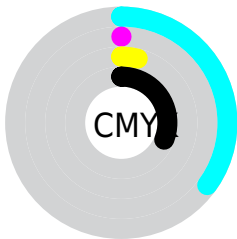
Distribution



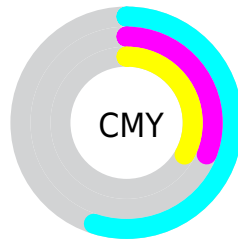
- Red (45%)
- Green (69%)
- Blue (67%)



- Red (45%)
- Yellow (58%)
- Blue (69%)



- Cyan (35%)
- Magenta (0%)
- Yellow (4%)
- Black (31%)





- Cyan (55%)
- Magenta (31%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 21.693, 187.320 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, 21.693, 187.320 by changing the saturation by 10% instead.


 68, 21.693,
187.320


 68, 21.693,
187.320


 100, 21.693,
187.320


 58, 21.693,
187.320


 88, 21.693,
187.320

 48, 21.693,
187.320

 98, 21.693,
187.320

 38, 21.693,
187.320

 28, 21.693,
187.320

 18, 21.693,
187.320

 8, 21.693, 187.320

 0, 21.693, 187.320

■ 68, 21.693,
187.320

■ 68, 21.693,
187.320

■ 67, 26.863,
186.461

■ 69, 15.979,
188.149

■ 66, 31.384,
185.568

■ 70, 9.830, 188.971

■ 71, 3.352, 189.854

■ 66, 35.173,
184.623

■ 73, 3.357, 10.337

■ 65, 38.177,
183.608

■ 74, 10.215, 11.196

■ 65, 40.389,
182.505

■ 76, 17.150, 11.964

■ 78, 24.109, 12.708

■ 65, 41.864,
181.298

■ 80, 30.449, 13.202

■ 65, 42.455,
180.686

■ 80, 30.498, 11.235

Harmonies

Complementary

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



68, 21.693, 187.320



55, 26.163, 13.928

Rectangle

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



68, 21.693, 187.320



68, 21.693, 237.320



68, 21.693, 7.320



68, 21.693, 57.320

Sweetspot

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



68, 21.694, 187.317



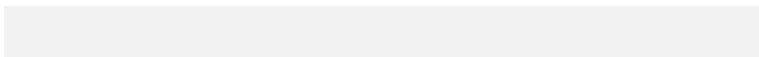
89, 8.953, 189.292



67, 39.993, 139.137



47, 5.994, 189.181



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 21.694, 187.317



85, 31.238, 186.662



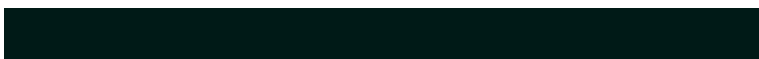
61, 18.059, 246.720



37, 3.771, 189.451



57, 38.081, 180.845



7, 9.447, 185.888

Inverse Universe

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



55, 26.163, 13.928



66, 39.459, 15.229



61, 21.400, 58.620



35, 3.948, 10.813



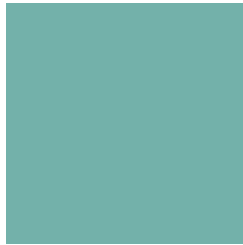
31, 66.653, 34.436



2, 9.245, 12.189

Previews

White Background



This preview shows how the CIE LCh color 68, 21.693, 187.320 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, 21.693, 187.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

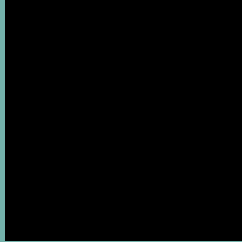
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 21.693, 187.320

Background



This preview shows how black text looks on a background with the CIELCh color 68, 21.693, 187.320.

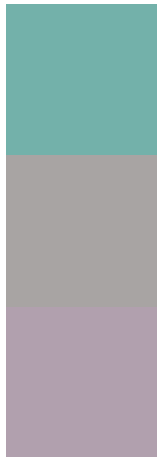


This preview shows how white text looks on a background with the CIELCh color 68, 21.693, 187.320.

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, 21.693, 187.320

Protanopia

68, 1.615, 39.122

Deuteranopia

68, 10.064, 330.270



Tritanopia
68, 19.334, 221.791

Trichromacy



Original Color
68, 21.693, 187.320

Protanomaly
68, 7.601, 186.213

Deuteranomaly
67, 5.779, 241.227

Tritanomaly
68, 19.210, 207.906

Monochromacy



Original Color
68, 21.693, 187.320

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 8.683, 187.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 21.693, 187.320 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(115, 177, 170)` looks like.

```
.text, #text, p{  
    color:rgb(115, 177, 170)  
}
```

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(115, 177, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 177, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 21.693, 187.320 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(115, 177, 170) }
```

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

```
.border{ border-color:rgb(115, 177, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 177, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 177, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 177, 170);  
box-shadow:4px 4px 4px 4px rgb(115, 177,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 21.693, 187.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 177, 170) }
```

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

```
.background{ background-color: rgb(115,  
177, 170) }
```

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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