

Converting Colors

CIELCh(68, 25.872, 157.320)

Have a look what the booklet for
CIELCh(68, 25.872, 157.320)
contains.

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Color

CIELCh(68, 25.811, 157.634)

Conversions

Conversions Part 1

Format	Color
Hex	7CB193
RGB	124, 177, 147
RGB Percent	49%, 69%, 58%
CMY	0.5127, 0.3048, 0.4225
CMYK	0.30, 0.00, 0.17, 0.30
HSL	146°, 25%, 59%
HSV	146°, 30%, 70%
XYZ	29.4136, 37.9720, 33.4910
YIQ	157.7330, -21.9580, -20.5660

Conversions

Conversions Part 2

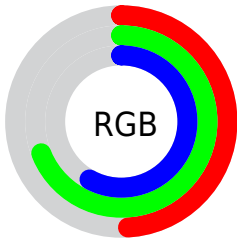
Format	Color
RYB	124, 161, 177
Decimal	8171923
CIELab	68.00, -23.87, 9.82
CIElCh	68, 25.811, 157.634
Yxy	37.9720, 0.2916, 0.3764
Android (android.graphics.Color)	4286362003 (0xFF7CB193)
YUV	157.7330, -5.2914, -29.5838
Hunter-Lab	61.6215, -22.6347, 10.9111

Details

The CIELCh color **68, 25.811, 157.634** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 26.479, 342.780**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 25.824, 157.493**, and **48, 25.920, 157.329** is the 20% darker color. If you saturate the color by 10%, you get **67, 34.152, 156.515**, and if you desaturate by 10%, it is **69, 17.244, 158.624**.

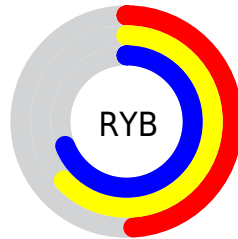
Distribution



Red (49%)

Green (69%)

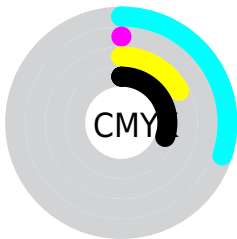
Blue (58%)



Red (49%)

Yellow (63%)

Blue (69%)

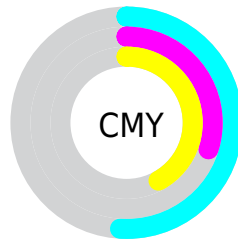


Cyan (30%)

Magenta (0%)

Yellow (17%)

Black (30%)



Cyan (51%)


Magenta (30%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 25.811, 157.634 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, 25.811, 157.634 by changing the saturation by 10% instead.


 68, 25.811,
157.634


 68, 25.811,
157.634


 100, 25.811,
157.634


 58, 25.811,
157.634


 88, 25.811,
157.634

 48, 25.811,
157.634

 98, 25.811,
157.634

 38, 25.811,
157.634

 28, 25.811,
157.634

 18, 25.811,
157.634

 8, 25.811, 157.634

 0, 25.811, 157.634

68, 25.811,
157.634

68, 25.811,
157.634

67, 34.152,
156.515

69, 17.244,
158.624

66, 42.121,
155.245

71, 8.574, 159.517

65, 49.571,
153.798

72, 0.090, 336.351

74, 8.664, 340.921

64, 56.366,
152.157

76, 17.088,
341.581

64, 62.404,
150.312

78, 25.318,
342.172

64, 67.639,
148.273


80, 33.327,
342.714

63, 72.185,
146.151

81, 38.236,
338.906

63, 72.227,

146.132

 81, 41.756,
333.415

Harmonies

Complementary

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



68, 25.811, 157.634



58, 26.479, 342.780

Rectangle

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



68, 25.811, 157.634



68, 25.811, 207.634



68, 25.811, 337.634



68, 25.811, 27.634

Sweetspot

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



68, 25.812, 157.633



89, 9.610, 159.582



69, 30.098, 125.262



47, 6.673, 159.459



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, 25.812, 157.633



85, 38.136, 156.899



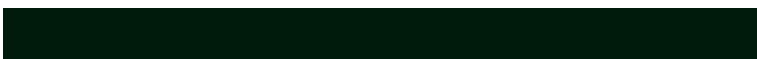
69, 18.503, 191.832



37, 4.930, 159.567



55, 64.403, 146.416



7, 12.813, 155.780

Inverse Universe

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



58, 26.479, 342.780



70, 39.294, 343.467



57, 22.059, 16.745



35, 4.976, 340.929



33, 59.016, 355.315



2, 11.045, 346.162

Previews

White Background



This preview shows how the CIELCh color 68, 25.811, 157.634 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 CIE LCh color 68, 25.811, 157.634 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, 25.811, 157.634

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.811, 157.634.




This preview shows how white text looks on a background with the CIELCh color 68, 25.811, 157.634.

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
68, 15.370, 228.766

Trichromacy



Original Color
68, 25.811, 157.634

Protanomaly
68, 15.164, 128.394

Deuteranomaly
68, 8.819, 114.352

Tritanomaly
68, 15.864, 194.098

Monochromacy



Original Color
68, 25.811, 157.634

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 9.496, 158.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.811, 157.634 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(124, 177, 147)` looks like.

```
.text, #text, p{  
    color:rgb(124, 177, 147)  
}
```

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(124, 177, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 177, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.811, 157.634 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(124, 177, 147) }
```

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

```
.border{ border-color:rgb(124, 177, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 177, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 177, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 177, 147);  
box-shadow:4px 4px 4px 4px rgb(124, 177,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.811, 157.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 177, 147) }
```

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

```
.background{ background-color: rgb(124,  
177, 147) }
```

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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