

Converting Colors

CIELCh(68, 23.578, 207.695)

Have a look what the booklet for
CIELCh(68, 23.578, 207.695)
contains.

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Color

CIELCh(68, 23.519, 208.513)

Conversions

Conversions Part 1

Format	Color
Hex	68B1B9
RGB	104, 177, 185
RGB Percent	41%, 69%, 73%
CMY	0.5915, 0.3052, 0.2739
CMYK	0.44, 0.04, 0.00, 0.27
HSL	186°, 37%, 57%
HSV	186°, 44%, 73%
XYZ	30.2572, 37.9720, 51.7249
YIQ	156.0850, -46.0760, -12.9880

Conversions

Conversions Part 2

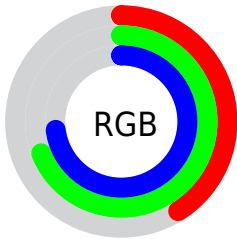
Format	Color
RYB	104, 142, 185
Decimal	6861241
CIELab	68.00, -20.67, -11.23
CIElCh	68, 23.519, 208.513
Yxy	37.9720, 0.2522, 0.3166
Android (android.graphics.Color)	4285051321 (0xFF68B1B9)
YUV	156.0850, 14.2551, -45.6785
Hunter-Lab	61.6215, -20.1909, -6.6329

Details

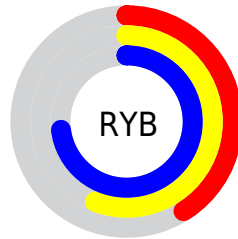
The CIELCh color **68, 23.519, 208.513** is a light color, and the websafe version is hex **669999**. A complement of this color would be **55, 32.598, 30.940**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 23.667, 208.176**, and **48, 23.420, 208.870** is the 20% darker color. If you saturate the color by 10%, you get **67, 27.363, 208.894**, and if you desaturate by 10%, it is **69, 18.995, 208.305**.

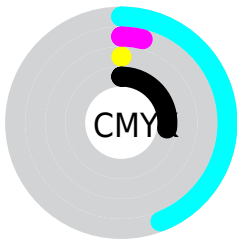
Distribution



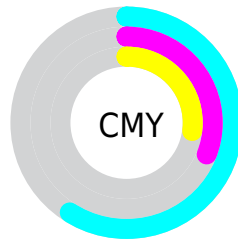
- Red (41%)
- Green (69%)
- Blue (73%)



- Red (41%)
- Yellow (56%)
- Blue (73%)



- Cyan (44%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)





- Cyan (59%)
- Magenta (31%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 23.519, 208.513 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, 23.519, 208.513 by changing the saturation by 10% instead.


 68, 23.519,
208.513


 68, 23.519,
208.513


 100, 23.519,
208.513


 58, 23.519,
208.513


 88, 23.519,
208.513

 48, 23.519,
208.513


 98, 23.519,
208.513

 38, 23.519,
208.513

 28, 23.519,
208.513

 18, 23.519,
208.513

 8, 23.519, 208.513

 0, 23.519, 208.513

68, 23.519,
208.513

68, 23.519,
208.513

67, 27.363,
208.894

69, 18.995,
208.305

66, 30.450,
209.490

71, 13.888,
208.249

65, 32.732,
210.335

73, 8.297, 208.325

64, 34.203,
211.468

74, 2.319, 208.631

76, 3.958, 28.488

63, 34.919,
212.920

78, 10.456, 28.842

63, 35.128,
213.945

81, 17.111, 29.174

83, 23.871, 29.525

84, 24.418, 31.578

Harmonies

Complementary

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



68, 23.519, 208.513



55, 32.598, 30.940

Rectangle

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



68, 23.519, 208.513



68, 23.519, 258.513



68, 23.519, 28.513



68, 23.519, 78.513

Sweetspot

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



68, 23.519, 208.510



92, 9.694, 208.333



69, 50.407, 143.291



48, 6.737, 208.303



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 23.519, 208.510



85, 32.826, 208.852



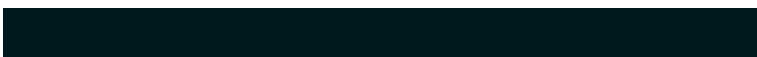
57, 28.451, 271.638



38, 3.438, 208.407



53, 30.915, 213.683



7, 9.140, 212.427

Inverse Universe

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



56, 49.743, 329.755



67, 71.596, 330.264



65, 30.232, 78.112



36, 6.458, 327.742



36, 74.009, 332.536



3, 17.017, 328.865

Previews

White Background



This preview shows how the CIE LCh color 68, 23.519, 208.513 looks on a white background.

Color Contrast Check

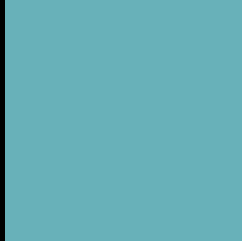
Large Text (above 18pt) WCAG AA × Fail

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, 23.519, 208.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

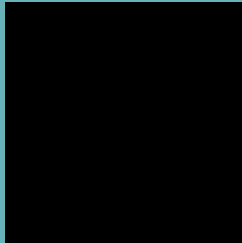
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

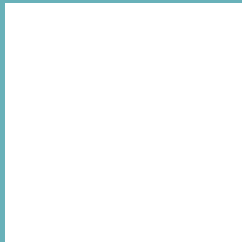
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 23.519, 208.513

Background



This preview shows how black text looks on a background with the CIELCh color 68, 23.519, 208.513.

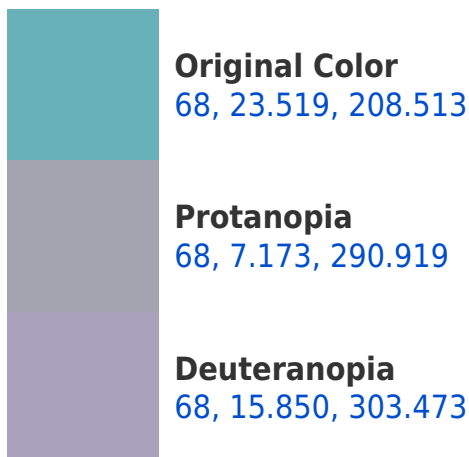


This preview shows how white text looks on a background with the CIELCh color 68, 23.519, 208.513.

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, 23.193, 218.855

Trichromacy



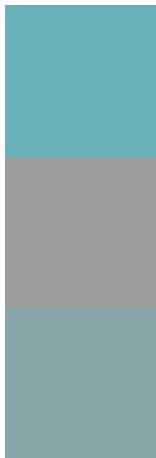
Original Color
68, 23.519, 208.513

Protanomaly
68, 11.110, 232.012

Deuteranomaly
68, 13.480, 258.669

Tritanomaly
68, 23.246, 215.849

Monochromacy



Original Color
68, 23.519, 208.513

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 9.839, 208.413

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 23.519, 208.513 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(104, 177, 185)` looks like.

```
.text, #text, p{  
    color:rgb(104, 177, 185)  
}
```

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(104, 177, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 177, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 23.519, 208.513 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(104, 177, 185) }
```

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

```
.border{ border-color:rgb(104, 177, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 177, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 177, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 177, 185);  
box-shadow:4px 4px 4px 4px rgb(104, 177,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 23.519, 208.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 177, 185) }
```

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

```
.background{ background-color: rgb(104,  
177, 185) }
```

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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