

Converting Colors

CIELCh(68, 22.538, 227.556)

Have a look what the booklet for
CIELCh(68, 22.538, 227.556)
contains.

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Color

CIELCh(68, 22.536, 227.527)

Conversions

Conversions Part 1

Format	Color
Hex	6FAFC3
RGB	111, 175, 195
RGB Percent	44%, 69%, 76%
CMY	0.5648, 0.3138, 0.2354
CMYK	0.43, 0.10, 0.00, 0.24
HSL	194°, 41%, 60%
HSV	194°, 43%, 76%
XYZ	31.7293, 37.9720, 57.2776
YIQ	158.1440, -44.5640, -7.3480

Conversions

Conversions Part 2

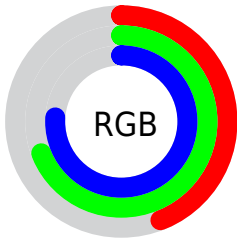
Format	Color
R_{YB}	111, 147, 195
Decimal	7319491
CIE _{Lab}	68.00, -15.22, -16.62
CIE _{LCh}	68, 22.536, 227.527
Yxy	37.9720, 0.2499, 0.2990
Android (android.graphics.Color)	4285509571 (0xFF6FAFC3)
YUV	158.1440, 18.1700, -41.3453
Hunter-Lab	61.6215, -15.9268, -11.9754

Details

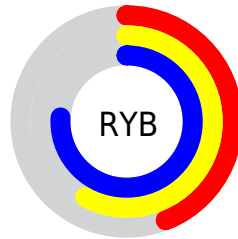
The CIELCh color **68, 22.536, 227.527** is a light color, and the websafe version is hex **669999**. A complement of this color would be **61, 30.508, 43.118**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 22.719, 227.320**, and **48, 22.429, 227.921** is the 20% darker color. If you saturate the color by 10%, you get **66, 26.500, 229.128**, and if you desaturate by 10%, it is **70, 18.006, 226.294**.

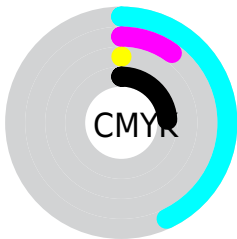
Distribution



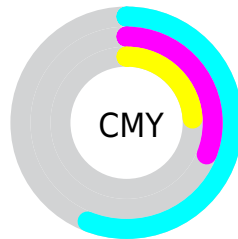
- Red (44%)
- Green (69%)
- Blue (76%)



- Red (44%)
- Yellow (58%)
- Blue (76%)



- Cyan (43%)
- Magenta (10%)
- Yellow (0%)
- Black (24%)




- Cyan (56%)
- Magenta (31%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 22.536, 227.527 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, 22.536, 227.527 by changing the saturation by 10% instead.


 68, 22.536,
227.527


 68, 22.536,
227.527


 100, 22.536,
227.527


 58, 22.536,
227.527


 88, 22.536,
227.527

 48, 22.536,
227.527

 98, 22.536,
227.527

 38, 22.536,
227.527

 28, 22.536,
227.527

 18, 22.536,
227.527

 8, 22.536, 227.527

 0, 22.536, 227.527

68, 22.536,
227.527

68, 22.536,
227.527

66, 26.500,
229.128

70, 18.006,
226.294

64, 29.836,
231.190

73, 12.990,
225.367

62, 32.517,
233.799

75, 7.570, 224.692

60, 34.564,
237.040

78, 1.825, 224.389

81, 4.172, 43.603

58, 36.072,
240.959

83, 10.362, 43.415

57, 36.956,
243.940

86, 16.692, 43.258

88, 18.821, 48.455

89, 18.625, 57.251

Harmonies

Complementary

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



68, 22.536, 227.527



61, 30.508, 43.118

Rectangle

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



68, 22.536, 227.527



68, 22.536, 277.527



68, 22.536, 47.527



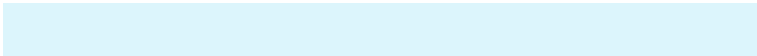
68, 22.536, 97.527

Sweetspot

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



68, 22.535, 227.525



95, 9.277, 224.698



72, 46.489, 148.035



50, 6.506, 224.830



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 22.535, 227.525



83, 32.062, 229.079



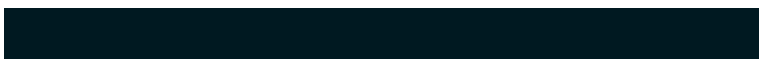
56, 35.568, 283.175



40, 3.295, 224.506



48, 31.910, 243.227



7, 10.341, 234.461

Inverse Universe

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



58, 46.531, 334.867



69, 67.988, 335.635



71, 34.582, 90.708



38, 6.121, 332.463



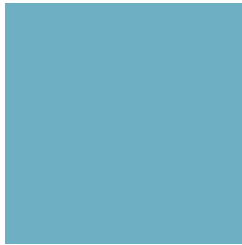
36, 68.259, 340.403



4, 19.316, 336.620

Previews

White Background



This preview shows how the CIELCh color 68, 22.536, 227.527 looks on a white background.

Color Contrast Check

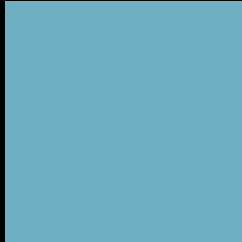
Large Text (above 18pt) WCAG AA × Fail

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, 22.536, 227.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

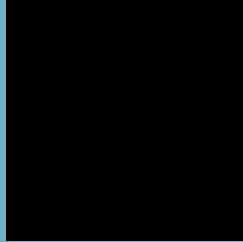
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

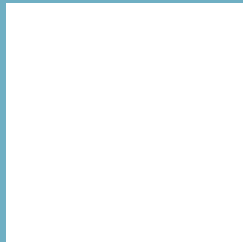
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 22.536, 227.527

Background



This preview shows how black text looks on a background with the CIELCh color 68, 22.536, 227.527.



This preview shows how white text looks on a background with the CIELCh color 68, 22.536, 227.527.

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, 22.536, 227.527

Protanopia

68, 13.258, 286.921

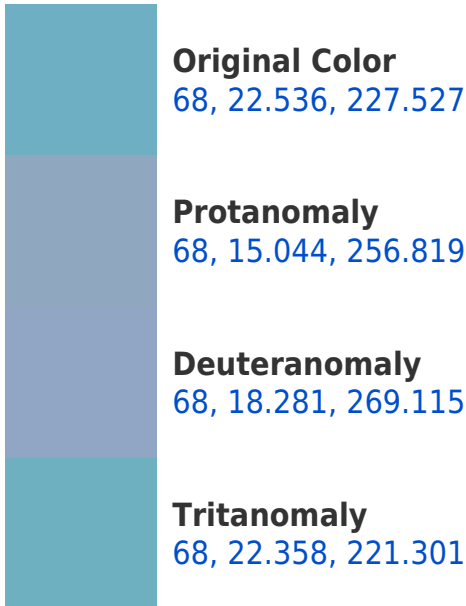
Deuteranopia

68, 20.515, 296.120

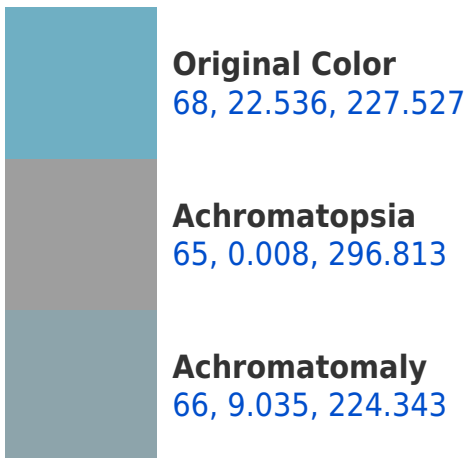


Tritanopia
68, 22.119, 218.434

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 22.536, 227.527 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(111, 175, 195)` looks like.

```
.text, #text, p{  
    color:rgb(111, 175, 195)  
}
```

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(111, 175, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 175, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 22.536, 227.527 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(111, 175, 195) }
```

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

```
.border{ border-color:rgb(111, 175, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 175, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 175, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 175, 195);  
box-shadow:4px 4px 4px 4px rgb(111, 175,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 22.536, 227.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 175, 195) }
```

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

```
.background{ background-color: rgb(111,  
175, 195) }
```

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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