

Converting Colors

CIELCh(68, 26.027, 252.700)

Have a look what the booklet for
CIELCh(68, 26.027, 252.700)
contains.

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Color

CIELCh(68, 26.015, 252.663)

Conversions

Conversions Part 1

Format	Color
Hex	76ACD2
RGB	118, 172, 210
RGB Percent	46%, 67%, 82%
CMY	0.5375, 0.3258, 0.1768
CMYK	0.44, 0.18, 0.00, 0.18
HSL	205°, 51%, 64%
HSV	205°, 44%, 82%
XYZ	33.8223, 37.9720, 66.4682
YIQ	160.1860, -44.3820, 0.3700

Conversions

Conversions Part 2

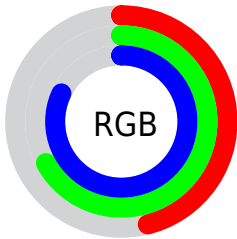
Format	Color
R _Y B	118, 152, 210
Decimal	7777490
CIE Lab	68.00, -7.75, -24.83
CIE LCh	68, 26.015, 252.663
Yxy	37.9720, 0.2446, 0.2746
Android (android.graphics.Color)	4285967570 (0xFF76ACD2)
YUV	160.1860, 24.5583, -36.9971
Hunter-Lab	61.6215, -9.8638, -20.8183

Details

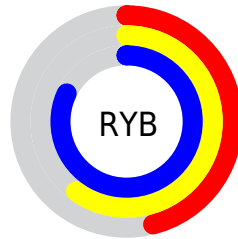
The CIELCh color `68, 26.015, 252.663` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `69, 31.733, 60.959`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `88, 21.752, 241.161`, and `48, 25.771, 252.109` is the 20% darker color. If you saturate the color by 10%, you get `65, 31.258, 255.337`, and if you desaturate by 10%, it is `72, 20.473, 250.455`.

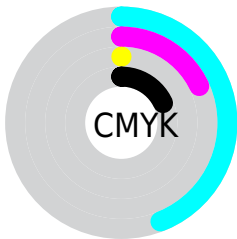
Distribution



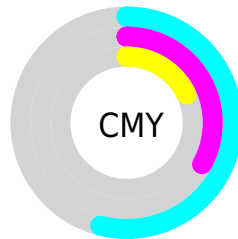
- Red (46%)
- Green (67%)
- Blue (82%)



- Red (46%)
- Yellow (60%)
- Blue (82%)



- Cyan (44%)
- Magenta (18%)
- Yellow (0%)
- Black (18%)




- Cyan (54%)
- Magenta (33%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 26.015, 252.663 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, 26.015, 252.663 by changing the saturation by 10% instead.

 68, 26.015,
252.663


 68, 26.015,
252.663


 100, 26.015,
252.663


 58, 26.015,
252.663

 88, 26.015,
252.663


 48, 26.015,
252.663


 98, 26.015,
252.663

 38, 26.015,
252.663

 28, 26.015,
252.663

 18, 26.015,
252.663

 8, 26.015, 252.663

 0, 26.015, 252.663

68, 26.015,
252.663

68, 26.015,
252.663

65, 31.258,
255.337

72, 20.473,
250.455

61, 36.199,
258.551

75, 14.665,
248.643

58, 40.871,
262.347

79, 8.632, 247.166

55, 45.360,
266.713

83, 2.419, 246.060

87, 3.929, 64.730

52, 49.800,
271.546

90, 10.376, 63.940

51, 52.616,
274.570

93, 14.377, 73.569

96, 16.813, 91.158

98, 20.384,
103.322

Harmonies

Complementary

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



68, 26.015, 252.663



69, 31.733, 60.959

Rectangle

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



68, 26.015, 252.663



68, 26.015, 302.663



68, 26.015, 72.663



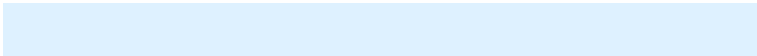
68, 26.015, 122.663

Sweetspot

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



68, 26.014, 252.662



94, 9.515, 247.077



77, 44.006, 154.439



49, 6.638, 247.375



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, 26.014, 252.662



77, 36.062, 255.270



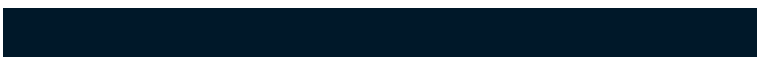
56, 47.371, 292.290



42, 3.552, 246.614



41, 44.062, 273.730



7, 14.388, 262.241

Inverse Universe

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



61, 44.811, 343.200



69, 62.405, 344.395



80, 43.204, 101.132



41, 5.754, 339.925



36, 63.740, 353.779



5, 22.855, 348.175

Previews

White Background



This preview shows how the CIE LCh color 68, 26.015, 252.663 looks on a white background.

Color Contrast Check

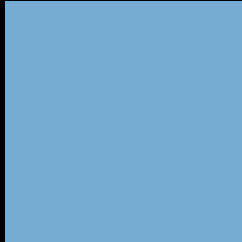
Large Text (above 18pt) WCAG AA × Fail

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, 26.015, 252.663 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

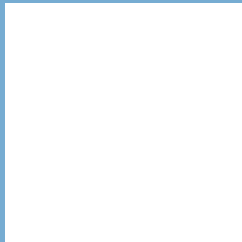
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 26.015, 252.663

Background



This preview shows how black text looks on a background with the CIELCh color 68, 26.015, 252.663.



This preview shows how white text looks on a background with the CIELCh color 68, 26.015, 252.663.

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, 21.498, 220.737

Trichromacy



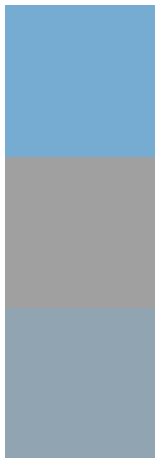
Original Color
68, 26.015, 252.663

Protanomaly
68, 23.126, 272.576

Deuteranomaly
68, 25.687, 275.155

Tritanomaly
68, 22.292, 233.089

Monochromacy



Original Color
68, 26.015, 252.663

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 10.128, 249.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 26.015, 252.663 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(118, 172, 210)` looks like.

```
.text, #text, p{  
    color:rgb(118, 172, 210)  
}
```

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(118, 172, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 172, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 26.015, 252.663 is called "border". The border property can be set on classes, ids or directly on the HTML element.

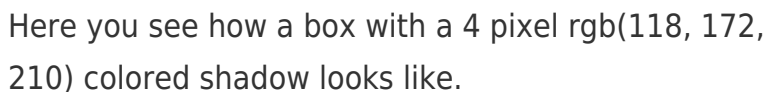
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 172, 210) }
```

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

```
.border{ border-color:rgb(118, 172, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 172, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 172, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 172, 210); box-shadow:4px 4px 4px 4px rgb(118, 172, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 26.015, 252.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 172, 210) }
```

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

```
.background{ background-color: rgb(118,  
172, 210) }
```

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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