

Converting Colors

CIELCh(68, 20.587, 266.515)

Have a look what the booklet for
CIELCh(68, 20.587, 266.515)
contains.

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Color

CIELCh(68, 20.431, 266.176)

Conversions

Conversions Part 1

Format	Color
Hex	8DA8CA
RGB	141, 168, 202
RGB Percent	55%, 66%, 79%
CMY	0.4467, 0.3409, 0.2075
CMYK	0.30, 0.17, 0.00, 0.21
HSL	213°, 37%, 67%
HSV	213°, 30%, 79%
XYZ	35.6853, 37.9720, 61.3767
YIQ	163.8030, -27.0060, 4.8500

Conversions

Conversions Part 2

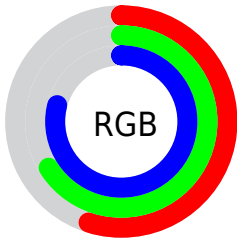
Format	Color
R _{YB}	141, 160, 202
Decimal	9283786
CIE Lab	68.00, -1.36, -20.39
CIE LCh	68, 20.431, 266.176
Yxy	37.9720, 0.2643, 0.2812
Android (android.graphics.Color)	4287473866 (0xFF8DA8CA)
YUV	163.8030, 18.8311, -19.9982
Hunter-Lab	61.6215, -4.4672, -15.9195

Details

The CIELCh color **68, 20.431, 266.176** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **73, 21.564, 77.458**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 18.629, 263.387**, and **48, 20.534, 266.562** is the 20% darker color. If you saturate the color by 10%, you get **64, 27.162, 268.358**, and if you desaturate by 10%, it is **72, 13.674, 264.327**.

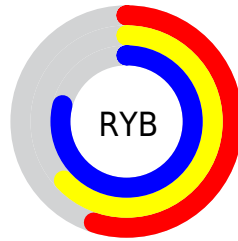
Distribution



Red (55%)

Green (66%)

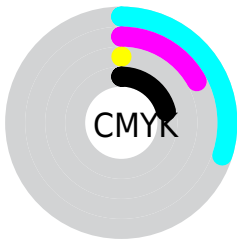
Blue (79%)



Red (55%)

Yellow (63%)

Blue (79%)

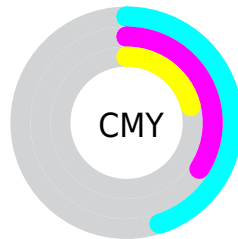


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (21%)



Cyan (45%)


Magenta (34%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 20.431, 266.176 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, 20.431, 266.176 by changing the saturation by 10% instead.


 68, 20.431,
266.176


 68, 20.431,
266.176


 100, 20.431,
266.176


 58, 20.431,
266.176


 88, 20.431,
266.176

 48, 20.431,
266.176

 98, 20.431,
266.176

 38, 20.431,
266.176

 28, 20.431,
266.176

 18, 20.431,
266.176

 8, 20.431, 266.176

 0, 20.431, 266.176

68, 20.431,
266.176

68, 20.431,
266.176

64, 27.162,
268.358

72, 13.674,
264.327

59, 33.871,
270.932

77, 6.904, 262.776

55, 40.575,
273.936

81, 0.134, 263.807

51, 47.315,
277.386

86, 6.618, 80.188

47, 54.155,
281.244

90, 13.340, 79.220

44, 61.161,
285.396

94, 18.720, 85.774

40, 68.239,
289.474

97, 22.974,
100.788

99, 26.694,
108.151

Harmonies

Complementary

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



68, 20.431, 266.176



73, 21.564, 77.458

Rectangle

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



68, 20.431, 266.176



68, 20.431, 316.176



68, 20.431, 86.176



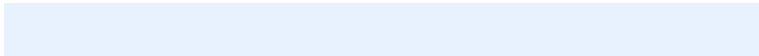
68, 20.431, 136.176

Sweetspot

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



68, 20.430, 266.174



95, 7.367, 262.628



77, 26.445, 163.562



50, 5.119, 262.834



0, 0.000, 0.000



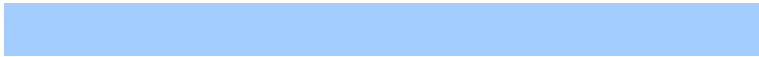
53, 0.007, 296.813

Same Dimension

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



68, 20.430, 266.174



81, 29.403, 267.509



61, 34.433, 295.517



41, 3.874, 262.666



33, 58.023, 288.835



5, 16.229, 275.756

Inverse Universe

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



65, 27.615, 349.850



77, 39.858, 350.646



80, 32.012, 109.472



40, 5.116, 347.636



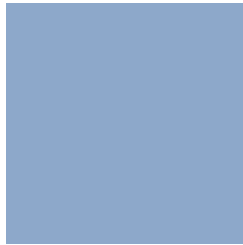
35, 61.154, 7.091



4, 19.403, 357.039

Previews

White Background



This preview shows how the CIELCh color 68, 20.431, 266.176 looks on a white background.

Color Contrast Check

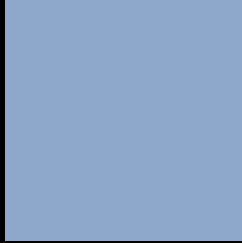
Large Text (above 18pt) WCAG AA × Fail

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, 20.431, 266.176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

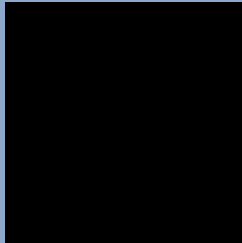
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

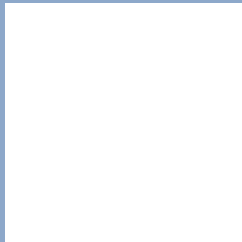
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 20.431, 266.176

Background



This preview shows how black text looks on a background with the CIELCh color 68, 20.431, 266.176.



This preview shows how white text looks on a background with the CIELCh color 68, 20.431, 266.176.

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

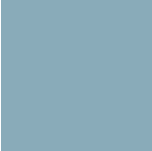
68, 20.431, 266.176

Protanopia

68, 19.354, 286.025

Deuteranopia

68, 22.627, 292.454



Tritanopia
68, 13.780, 232.844

Trichromacy



Original Color
68, 20.431, 266.176

Protanomaly
68, 19.660, 279.191

Deuteranomaly
68, 21.672, 283.410

Tritanomaly
68, 15.559, 247.130

Monochromacy



Original Color
68, 20.431, 266.176

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.811, 266.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 20.431, 266.176 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(141, 168, 202)` looks like.

```
.text, #text, p{  
    color:rgb(141, 168, 202)  
}
```

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(141, 168, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 168, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 20.431, 266.176 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(141, 168, 202) }
```

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

```
.border{ border-color:rgb(141, 168, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 168, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 168, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 168, 202); box-shadow:4px 4px 4px 4px rgb(141, 168, 202) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 20.431, 266.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 168, 202) }
```

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

```
.background{ background-color: rgb(141,  
168, 202) }
```

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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