

Converting Colors

CIELCh(68, 24.993, 277.283)

Have a look what the booklet for
CIELCh(68, 24.993, 277.283)
contains.

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Color

CIELCh(68, 24.866, 277.425)

Conversions

Conversions Part 1

Format	Color
Hex	92A6D2
RGB	146, 166, 210
RGB Percent	57%, 65%, 82%
CMY	0.4279, 0.3495, 0.1770
CMYK	0.30, 0.21, 0.00, 0.18
HSL	221°, 41%, 70%
HSV	221°, 30%, 82%
XYZ	37.0608, 37.9720, 66.2620
YIQ	165.0360, -26.0440, 9.4440

Conversions

Conversions Part 2

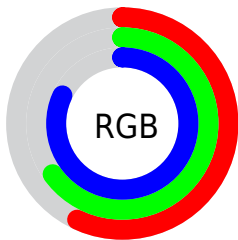
Format	Color
R _Y B	146, 161, 210
Decimal	9610962
CIE Lab	68.00, 3.21, -24.66
CIE LCh	68, 24.866, 277.425
Yxy	37.9720, 0.2623, 0.2687
Android (android.graphics.Color)	4287801042 (0xFF92A6D2)
YUV	165.0360, 22.1673, -16.6946
Hunter-Lab	61.6215, -0.4829, -20.6199

Details

The CIELCh color `68, 24.866, 277.425` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `78, 24.838, 88.868`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `88, 18.754, 271.189`, and `48, 24.774, 277.926` is the 20% darker color. If you saturate the color by 10%, you get `63, 33.342, 279.500`, and if you desaturate by 10%, it is `73, 16.557, 275.650`.

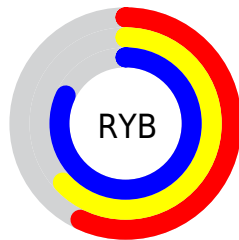
Distribution



Red (57%)

Green (65%)

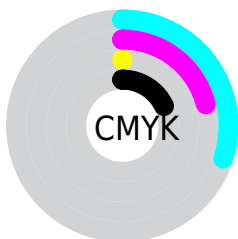
Blue (82%)



Red (57%)

Yellow (63%)

Blue (82%)

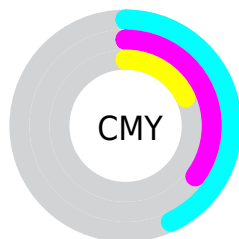


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (18%)



Cyan (43%)

Magenta (35%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 24.866, 277.425 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, 24.866, 277.425 by changing the saturation by 10% instead.

 68, 24.866,
277.425

 68, 24.866,
277.425


 100, 24.866,
277.425

 58, 24.866,
277.425

 88, 24.866,
277.425

 48, 24.866,
277.425

 98, 24.866,
277.425

 38, 24.866,
277.425

 28, 24.866,
277.425

 18, 24.866,
277.425

 8, 24.866, 277.425

 0, 24.866, 277.425

68, 24.866,
277.425

68, 24.866,
277.425

63, 33.342,
279.500

73, 16.557,
275.650

58, 42.011,
281.918

79, 8.404, 274.142

84, 0.399, 273.397

52, 50.906,
284.702

89, 7.460, 91.650

48, 60.058,
287.840

94, 15.176, 90.687

43, 69.465,
291.259

98, 21.564,
105.996

39, 79.022,
294.804

99, 22.795,
108.450

35, 87.995,
298.018

Harmonies

Complementary

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



68, 24.866, 277.425



78, 24.838, 88.868

Rectangle

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



68, 24.866, 277.425



68, 24.866, 327.425



68, 24.866, 97.425



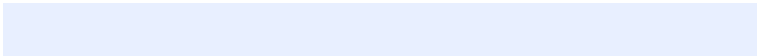
68, 24.866, 147.425

Sweetspot

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



68, 24.865, 277.424



94, 8.434, 273.953



80, 24.887, 171.799



50, 5.867, 274.153



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, 24.865, 277.424



77, 35.574, 278.826



64, 36.084, 299.977



41, 4.527, 273.994



28, 73.477, 297.472



4, 20.100, 284.046

Inverse Universe

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



67, 27.044, 358.459



76, 38.712, 359.490



82, 33.669, 115.203



41, 4.842, 355.927



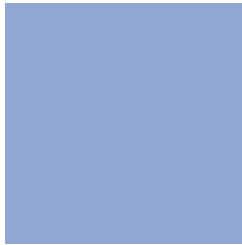
35, 63.732, 19.536



4, 20.544, 4.920

Previews

White Background



This preview shows how the CIELCh color 68, 24.866, 277.425 looks on a white background.

Color Contrast Check

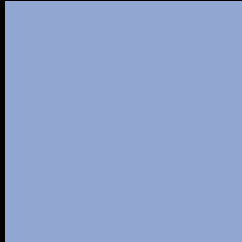
Large Text (above 18pt) WCAG AA × Fail

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, 24.866, 277.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

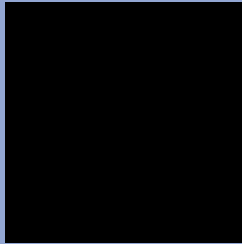
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

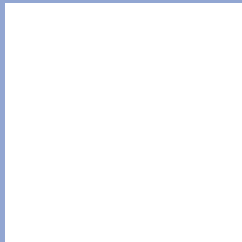
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 24.866, 277.425

Background



This preview shows how black text looks on a background with the CIELCh color 68, 24.866, 277.425.



This preview shows how white text looks on a background with the CIELCh color 68, 24.866, 277.425.

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

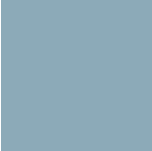
68, 24.866, 277.425

Protanopia

68, 24.380, 284.786

Deuteranopia

68, 27.030, 290.077



Tritanopia
68, 12.742, 236.186

Trichromacy



Original Color
68, 24.866, 277.425

Protanomaly
68, 24.527, 281.769

Deuteranomaly
68, 26.549, 286.432

Tritanomaly
68, 15.814, 256.065

Monochromacy



Original Color
68, 24.866, 277.425

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 9.123, 275.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 24.866, 277.425 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(146, 166, 210)` looks like.

```
.text, #text, p{  
    color:rgb(146, 166, 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(146, 166, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 166, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 24.866, 277.425 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(146, 166, 210) }
```

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

```
.border{ border-color:rgb(146, 166, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 166, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 166, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 166, 210);  
box-shadow:4px 4px 4px 4px rgb(146, 166,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 24.866, 277.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 166, 210) }
```

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

```
.background{ background-color: rgb(146,  
166, 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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