

Converting Colors

CIELCh(68, 36.036, 284.411)

Have a look what the booklet for
CIELCh(68, 36.036, 284.411)
contains.

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Color

CIELCh(68, 35.539, 283.723)

Conversions

Conversions Part 1

Format	Color
Hex	90A4E4
RGB	144, 164, 228
RGB Percent	56%, 64%, 89%
CMY	0.4361, 0.3577, 0.1068
CMYK	0.37, 0.28, 0.00, 0.11
HSL	226°, 61%, 73%
HSV	226°, 37%, 89%
XYZ	38.6716, 37.9720, 78.5216
YIQ	165.3160, -32.4640, 15.6640

Conversions

Conversions Part 2

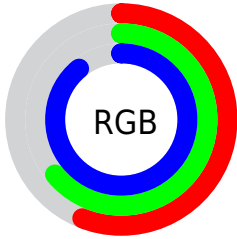
Format	Color
RYB	144, 160, 228
Decimal	9479396
CIELab	68.00, 8.43, -34.52
CIELCh	68, 35.539, 283.723
Yxy	37.9720, 0.2492, 0.2447
Android (android.graphics.Color)	4287669476 (0xFF90A4E4)
YUV	165.3160, 30.9032, -18.6941
Hunter-Lab	61.6215, 4.1833, -32.4158

Details

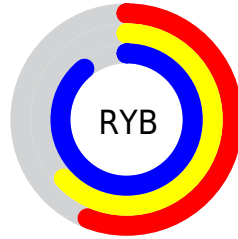
The CIELCh color `68, 35.539, 283.723` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `84, 34.390, 93.498`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 19.663, 273.318`, and `48, 35.661, 284.035` is the 20% darker color. If you saturate the color by 10%, you get `62, 45.845, 285.917`, and if you desaturate by 10%, it is `74, 25.542, 281.841`.

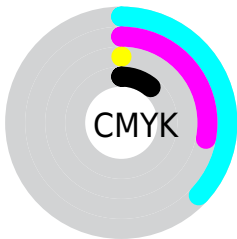
Distribution



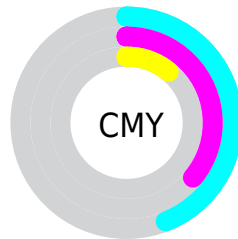
- Red (56%)
- Green (64%)
- Blue (89%)



- Red (56%)
- Yellow (63%)
- Blue (89%)



- Cyan (37%)
- Magenta (28%)
- Yellow (0%)
- Black (11%)





- Cyan (44%)
- Magenta (36%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 35.539, 283.723 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, 35.539, 283.723 by changing the saturation by 10% instead.


 68, 35.539,
283.723


 68, 35.539,
283.723


 100, 35.539,
283.723


 58, 35.539,
283.723


 88, 35.539,
283.723

 48, 35.539,
283.723

 98, 35.539,
283.723

 38, 35.539,
283.723

 28, 35.539,
283.723

 18, 35.539,
283.723

 8, 35.539, 283.723

 0, 35.539, 283.723

■ 68, 35.539,
283.723

■ 68, 35.539,
283.723

■ 62, 45.845,
285.917

■ 74, 25.542,
281.841

■ 56, 56.496,
288.445

■ 80, 15.827,
280.234

■ 50, 67.504,
291.298

■ 86, 6.370, 278.874

■ 45, 78.805,
294.401

■ 92, 2.846, 97.590

■ 40, 90.146,
297.597

■ 98, 11.665,
101.308

■ 36, 100.946,
300.632

■ 99, 13.779,
109.136

■ 34, 104.095,
301.466

Harmonies

Complementary

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



68, 35.539, 283.723



84, 34.390, 93.498

Rectangle

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



68, 35.539, 283.723



68, 35.539, 333.723



68, 35.539, 103.723



68, 35.539, 153.723

Sweetspot

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



68, 35.538, 283.723



93, 11.226, 279.415



85, 30.246, 175.832



48, 7.555, 279.600



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, 35.538, 283.723



71, 46.978, 285.315



65, 47.395, 302.823



45, 5.311, 279.202



27, 85.467, 301.003



5, 28.137, 291.370

Inverse Universe

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



69, 34.455, 4.835



72, 45.440, 6.168



87, 43.677, 117.588



45, 5.051, 1.223



37, 69.330, 26.297



7, 26.643, 11.693

Previews

White Background



This preview shows how the CIELCh color 68, 35.539, 283.723 looks on a white background.

Color Contrast Check

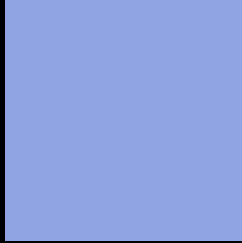
Large Text (above 18pt) WCAG AA × Fail

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, 35.539, 283.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

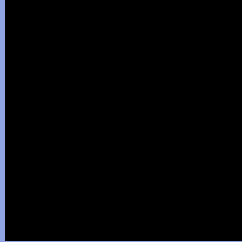
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 35.539, 283.723

Background



This preview shows how black text looks on a background with the CIELCh color 68, 35.539, 283.723.



This preview shows how white text looks on a background with the CIELCh color 68, 35.539, 283.723.

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

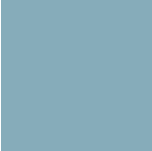
68, 35.539, 283.723

Protanopia

68, 35.464, 285.163

Deuteranopia

68, 36.037, 284.903



Tritanopia
68, 14.835, 230.014

Trichromacy



Original Color
68, 35.539, 283.723

Protanomaly
68, 35.499, 284.690

Deuteranomaly
68, 36.037, 284.903

Tritanomaly
68, 20.011, 261.256

Monochromacy



Original Color
68, 35.539, 283.723

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 12.924, 278.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 35.539, 283.723 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(144, 164, 228)` looks like.

```
.text, #text, p{  
    color:rgb(144, 164, 228)  
}
```

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(144, 164, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 164, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 35.539, 283.723 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(144, 164, 228) }
```

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

```
.border{ border-color:rgb(144, 164, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 164, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 164, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 164, 228);  
box-shadow:4px 4px 4px 4px rgb(144, 164,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 35.539, 283.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 164, 228) }
```

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

```
.background{ background-color: rgb(144,  
164, 228) }
```

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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