

Converting Colors

CIELCh(68, 28.186, 282.561)

Have a look what the booklet for
CIELCh(68, 28.186, 282.561)
contains.

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Color

CIELCh(68, 28.359, 283.175)

Conversions

Conversions Part 1

Format	Color
Hex	95A4D7
RGB	149, 164, 215
RGB Percent	58%, 64%, 84%
CMY	0.4147, 0.3559, 0.1558
CMYK	0.31, 0.24, 0.00, 0.16
HSL	226°, 45%, 71%
HSV	226°, 31%, 84%
XYZ	38.0589, 37.9720, 69.7887
YIQ	165.3290, -25.3110, 12.6810

Conversions

Conversions Part 2

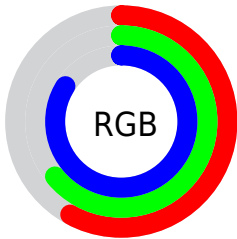
Format	Color
RYB	149, 161, 215
Decimal	9807063
CIELab	68.00, 6.46, -27.61
CIELCh	68, 28.359, 283.175
Yxy	37.9720, 0.2610, 0.2604
Android (android.graphics.Color)	4287997143 (0xFF95A4D7)
YUV	165.3290, 24.4878, -14.3205
Hunter-Lab	61.6215, 2.4085, -24.0132

Details

The CIELCh color `68, 28.359, 283.175` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `81, 27.558, 95.045`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 19.334, 276.957`, and `48, 28.580, 283.441` is the 20% darker color. If you saturate the color by 10%, you get `62, 38.162, 285.145`, and if you desaturate by 10%, it is `74, 18.845, 281.489`.

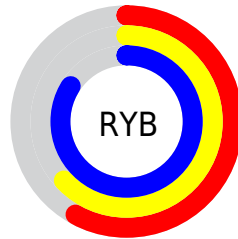
Distribution



Red (58%)

Green (64%)

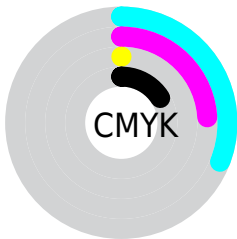
Blue (84%)



Red (58%)

Yellow (63%)

Blue (84%)

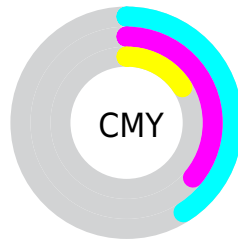


Cyan (31%)

Magenta (24%)

Yellow (0%)

Black (16%)



Cyan (41%)


Magenta (36%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 28.359, 283.175 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, 28.359, 283.175 by changing the saturation by 10% instead.


 68, 28.359,
283.175


 68, 28.359,
283.175


 100, 28.359,
283.175


 58, 28.359,
283.175


 88, 28.359,
283.175

 48, 28.359,
283.175

 98, 28.359,
283.175

 38, 28.359,
283.175

 28, 28.359,
283.175

 18, 28.359,
283.175

 8, 28.359, 283.175

 0, 28.359, 283.175

68, 28.359,
283.175

68, 28.359,
283.175

62, 38.162,
285.145

74, 18.845,
281.489

56, 48.290,
287.433

80, 9.599, 280.053

86, 0.599, 279.100

51, 58.767,
290.051

92, 8.168, 97.706

45, 69.579,
292.965

97, 16.584, 99.168

40, 80.594,
296.070

99, 20.085,
108.657

36, 91.433,
299.172

32, 100.771,
301.776

Harmonies

Complementary

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



68, 28.359, 283.175



81, 27.558, 95.045

Rectangle

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



68, 28.359, 283.175



68, 28.359, 333.175



68, 28.359, 103.175



68, 28.359, 153.175

Sweetspot

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



68, 28.358, 283.174



94, 9.277, 279.848



81, 24.120, 177.798



49, 6.458, 280.039



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, 28.358, 283.174



75, 39.643, 284.459



66, 37.280, 302.782



42, 5.080, 279.891



25, 83.605, 301.328



4, 23.306, 288.227

Inverse Universe

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



69, 27.018, 4.661



76, 37.822, 5.713



83, 34.955, 118.665



42, 4.750, 2.027



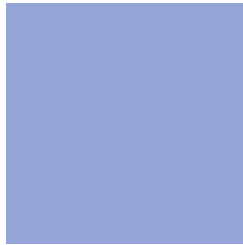
36, 67.465, 26.986



5, 22.100, 9.670

Previews

White Background



This preview shows how the CIELCh color 68, 28.359, 283.175 looks on a white background.

Color Contrast Check

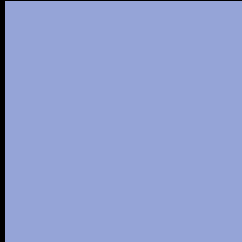
Large Text (above 18pt) WCAG AA × Fail

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, 28.359, 283.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

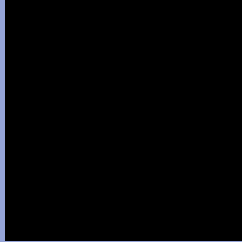
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 28.359, 283.175

Background



This preview shows how black text looks on a background with the CIELCh color 68, 28.359, 283.175.



This preview shows how white text looks on a background with the CIELCh color 68, 28.359, 283.175.

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, 28.359, 283.175

Protanopia

68, 28.242, 285.065

Deuteranopia

68, 29.248, 287.992



Tritanopia
68, 12.229, 238.079

Trichromacy



Original Color
68, 28.359, 283.175

Protanomaly
68, 28.278, 284.431

Deuteranomaly
68, 29.296, 286.754

Tritanomaly
68, 16.556, 263.533

Monochromacy



Original Color
68, 28.359, 283.175

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 10.588, 281.508

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 28.359, 283.175 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(149, 164, 215)` looks like.

```
.text, #text, p{  
    color:rgb(149, 164, 215)  
}
```

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(149, 164, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 164, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 28.359, 283.175 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(149, 164, 215) }
```

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

```
.border{ border-color:rgb(149, 164, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 164, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 164, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 164, 215);  
box-shadow:4px 4px 4px 4px rgb(149, 164,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 28.359, 283.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 164, 215) }
```

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

```
.background{ background-color: rgb(149,  
164, 215) }
```

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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