

Converting Colors

CIELCh(71, 35.557, 282.209)

Have a look what the booklet for
CIELCh(71, 35.557, 282.209)
contains.

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Color

CIELCh(71, 35.910, 282.336)

Conversions

Conversions Part 1

Format	Color
Hex	95ACED
RGB	149, 172, 237
RGB Percent	58%, 67%, 93%
CMY	0.4143, 0.3242, 0.0692
CMYK	0.37, 0.27, 0.00, 0.07
HSL	224°, 71%, 76%
HSV	224°, 37%, 93%
XYZ	42.6097, 42.1875, 86.2889
YIQ	172.5330, -34.5730, 15.3390

Conversions

Conversions Part 2

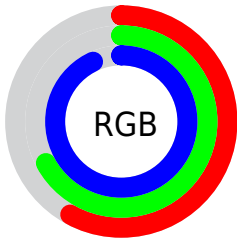
Format	Color
RYB	149, 167, 237
Decimal	9809133
CIELab	71.00, 7.67, -35.08
CIElCh	71, 35.910, 282.336
Yxy	42.1875, 0.2491, 0.2466
Android (android.graphics.Color)	4287999213 (0xFF95ACED)
YUV	172.5330, 31.7822, -20.6384
Hunter-Lab	64.9519, 3.4336, -33.3007

Details

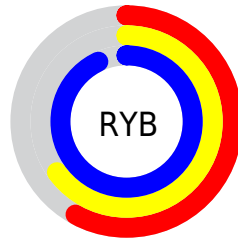
The CIELCh color `71, 35.910, 282.336` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `86, 35.041, 91.834`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 16.085, 264.533`, and `51, 35.960, 282.563` is the 20% darker color. If you saturate the color by 10%, you get `65, 46.213, 284.581`, and if you desaturate by 10%, it is `77, 25.892, 280.411`.

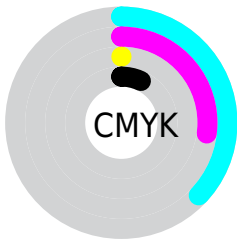
Distribution



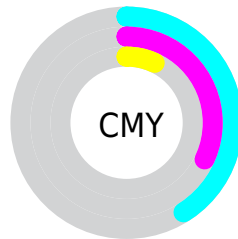
- Red (58%)
- Green (67%)
- Blue (93%)



- Red (58%)
- Yellow (65%)
- Blue (93%)



- Cyan (37%)
- Magenta (27%)
- Yellow (0%)
- Black (7%)





- Cyan (41%)
- Magenta (32%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 35.910, 282.336 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 71, 35.910, 282.336 by changing the saturation by 10% instead.


 71, 35.910,
282.336


 71, 35.910,
282.336


 100, 35.910,
282.336


 61, 35.910,
282.336


 91, 35.910,
282.336

 51, 35.910,
282.336

 41, 35.910,
282.336

 31, 35.910,
282.336

 21, 35.910,
282.336

 11, 35.910,
282.336

 1, 35.910, 282.336

0, 35.910, 282.336

71, 35.910,
282.336

71, 35.910,
282.336

65, 46.213,
284.581

77, 25.892,
280.411

59, 56.841,
287.172

83, 16.135,
278.769

53, 67.815,
290.100

90, 6.615, 277.379

48, 79.098,
293.298

96, 2.682, 96.053

43, 90.489,
296.612

100, 8.932,
109.500

38, 101.496,
299.797

■ 37,104.544,
300.627

Harmonies

Complementary

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



71, 35.910, 282.336



86, 35.041, 91.834

Rectangle

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



71, 35.910, 282.336



71, 35.910, 332.336



71, 35.910, 102.336



71, 35.910, 152.336

Sweetspot

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



71, 35.909, 282.336



93, 10.938, 277.900



88, 31.804, 174.556



49, 7.360, 278.088



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 35.909, 282.336



71, 45.592, 283.893



67, 49.257, 302.320



47, 5.364, 277.689



28, 84.890, 300.125



6, 30.749, 293.041

Inverse Universe

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



71, 36.039, 3.185



72, 45.627, 4.451



91, 45.288, 116.868



47, 5.287, 359.552



38, 69.909, 24.496



8, 28.846, 12.524

Previews

White Background



This preview shows how the CIELCh color 71, 35.910, 282.336 looks on a white background.

Color Contrast Check

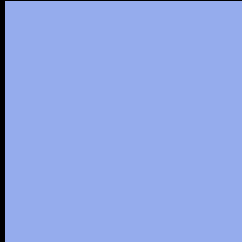
Large Text (above 18pt) WCAG AA × Fail

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 71, 35.910, 282.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

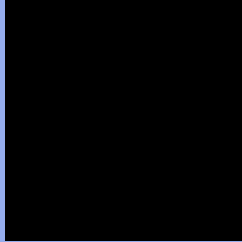
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 35.910, 282.336

Background



This preview shows how black text looks on a background with the CIELCh color 71, 35.910, 282.336.



This preview shows how white text looks on a background with the CIELCh color 71, 35.910, 282.336.

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

71, 35.910, 282.336

Protanopia

71, 35.704, 285.143

Deuteranopia

71, 36.772, 285.534



Tritanopia
71, 15.796, 229.921

Trichromacy



Original Color
71, 35.910, 282.336

Protanomaly
71, 35.777, 284.206

Deuteranomaly
71, 36.841, 284.629

Tritanomaly
71, 20.770, 259.679

Monochromacy



Original Color
71, 35.910, 282.336

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 12.886, 277.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 35.910, 282.336 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, 172, 237)` looks like.

```
.text, #text, p{  
    color:rgb(149, 172, 237)  
}
```

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, 172, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 172, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 35.910, 282.336 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, 172, 237) }
```

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

```
.border{ border-color:rgb(149, 172, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 172, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 172, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 172, 237);  
box-shadow:4px 4px 4px 4px rgb(149, 172,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 35.910, 282.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 172, 237) }
```

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

```
.background{ background-color: rgb(149,  
172, 237) }
```

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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