

Converting Colors

CIELCh(71, 48.045, 291.562)

Have a look what the booklet for
CIELCh(71, 48.045, 291.562)
contains.

CIELCh(71, 48.045, 291.562)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 48.045, 291.562)

Conversions

Conversions Part 1

Format	Color
Hex	9EA7FF
RGB	158, 167, 255
RGB Percent	62%, 65%, 100%
CMY	0.3799, 0.3446, 0.0000
CMYK	0.38, 0.34, 0.00, 0.00
HSL	234°, 100%, 81%
HSV	234°, 38%, 100%
XYZ	46.0329, 42.1875, 100.4276
YIQ	174.3410, -33.6120, 25.4600

Conversions

Conversions Part 2

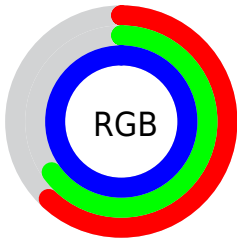
Format	Color
RYB	158, 166, 255
Decimal	10397695
CIELab	71.00, 17.66, -44.68
CIELCh	71, 48.045, 291.562
Yxy	42.1875, 0.2440, 0.2236
Android (android.graphics.Color)	4288587775 (0xFF9EA7FF)
YUV	174.3410, 39.7649, -14.3311
Hunter-Lab	64.9519, 12.8411, -46.2069

Details

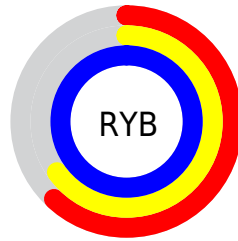
The CIELCh color `71, 48.045, 291.562` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `96, 44.337, 102.088`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 17.311, 283.829`, and `51, 48.314, 291.632` is the 20% darker color. If you saturate the color by 10%, you get `63, 61.843, 293.586`, and if you desaturate by 10%, it is `79, 34.659, 289.799`.

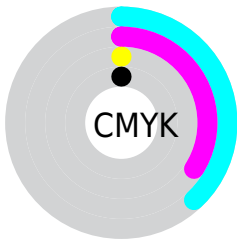
Distribution



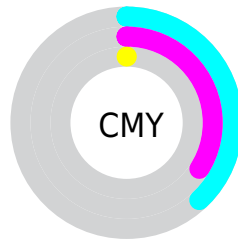
- Red (62%)
- Green (65%)
- Blue (100%)



- Red (62%)
- Yellow (65%)
- Blue (100%)



- Cyan (38%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)




- Cyan (38%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 48.045, 291.562 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, 48.045, 291.562 by changing the saturation by 10% instead.

 71, 48.045,
291.562

 71, 48.045,
291.562


 100, 48.045,
291.562


 61, 48.045,
291.562


 91, 48.045,
291.562

 51, 48.045,
291.562

 41, 48.045,
291.562

 31, 48.045,
291.562

 21, 48.045,
291.562

 11, 48.045,
291.562

 1, 48.045, 291.562

■ 0, 48.045, 291.562

■ 71, 48.045,
291.562

■ 71, 48.045,
291.562

■ 63, 61.843,
293.586

■ 79, 34.659,
289.799

■ 56, 76.224,
295.898

■ 86, 21.859,
288.305

■ 49, 90.926,
298.421

■ 94, 9.538, 287.041

■ 43, 105.374,
300.993

100, 0.012,
296.813

■ 38, 118.342,
303.337

■ 34, 128.009,
305.115

■ 34, 129.426,
305.365

Harmonies

Complementary

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



71, 48.045, 291.562



96, 44.337, 102.088

Rectangle

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



71, 48.045, 291.562



71, 48.045, 341.562



71, 48.045, 111.562



71, 48.045, 161.562

Sweetspot

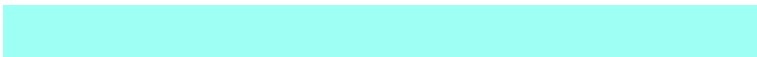
The Sweet Spot groups the original color and five complimentary colors.



71, 47.978, 291.551



92, 13.198, 287.399



94, 31.027, 188.155



48, 8.889, 287.566



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, 47.978, 291.551



65, 59.039, 293.158



72, 54.291, 307.760



49, 6.804, 287.219



24, 103.334, 305.118



4, 41.177, 300.101

Inverse Universe

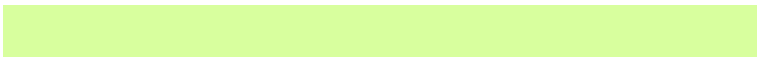
The Inverse Universe completely reimagines the original color for something new.



75, 38.576, 16.081



71, 47.611, 17.591



95, 50.708, 123.558



50, 5.283, 12.456



40, 80.315, 36.311



10, 32.651, 23.413

Previews

White Background



This preview shows how the CIELCh color 71, 48.045, 291.562 looks on a white background.

Color Contrast Check

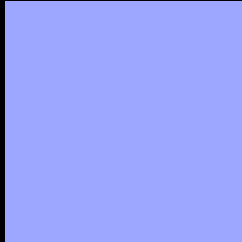
Large Text (above 18pt) WCAG AA × Fail

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 71, 48.045, 291.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

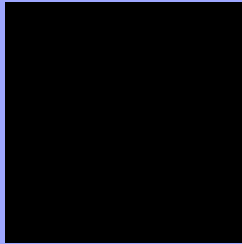
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 48.045, 291.562

Background



This preview shows how black text looks on a background with the CIELCh color 71, 48.045, 291.562.



This preview shows how white text looks on a background with the CIELCh color 71, 48.045, 291.562.

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, 48.045, 291.562

Protanopia

71, 46.106, 285.228

Deuteranopia

71, 45.237, 282.833



Tritanopia
71, 14.237, 233.967

Trichromacy



Original Color
71, 48.045, 291.562

Protanomaly
71, 46.502, 287.416

Deuteranomaly
71, 46.055, 286.256

Tritanomaly
71, 23.620, 271.456

Monochromacy



Original Color
71, 48.045, 291.562

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 17.513, 288.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 48.045, 291.562 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(158, 167, 255)` looks like.

```
.text, #text, p{  
    color:rgb(158, 167, 255)  
}
```

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(158, 167, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 167, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 48.045, 291.562 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(158, 167, 255) }
```

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

```
.border{ border-color:rgb(158, 167, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 167, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 167, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 167, 255);  
box-shadow:4px 4px 4px 4px rgb(158, 167,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 48.045, 291.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 167, 255) }
```

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

```
.background{ background-color: rgb(158,  
167, 255) }
```

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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