

Converting Colors

CIELCh(71, 13.505, 245.806)

Have a look what the booklet for
CIELCh(71, 13.505, 245.806)
contains.

CIELCh(71, 13.505, 245.806)	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, 13.505, 245.806)

Conversions

Conversions Part 1

Format	Color
Hex	96B2C4
RGB	150, 178, 196
RGB Percent	59%, 70%, 77%
CMY	0.4126, 0.3028, 0.2323
CMYK	0.23, 0.09, 0.00, 0.23
HSL	203°, 28%, 68%
HSV	203°, 23%, 77%
XYZ	38.3486, 42.1875, 58.2071
YIQ	171.6800, -22.4660, -0.3380

Conversions

Conversions Part 2

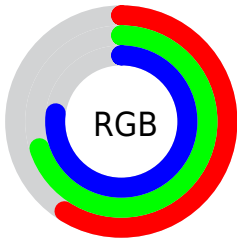
Format	Color
RYB	150, 167, 196
Decimal	9876164
CIELab	71.00, -5.53, -12.32
CIElCh	71, 13.505, 245.806
Yxy	42.1875, 0.2764, 0.3041
Android (android.graphics.Color)	4288066244 (0xFF96B2C4)
YUV	171.6800, 11.9898, -19.0134
Hunter-Lab	64.9519, -8.2768, -7.6668

Details

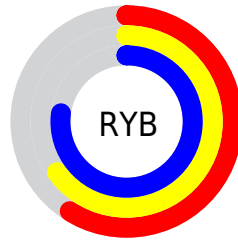
The CIELCh color `71, 13.505, 245.806` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `71, 15.013, 60.518`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `91, 13.558, 245.758`, and `51, 13.499, 246.280` is the 20% darker color. If you saturate the color by 10%, you get `68, 18.888, 247.521`, and if you desaturate by 10%, it is `74, 7.883, 244.407`.

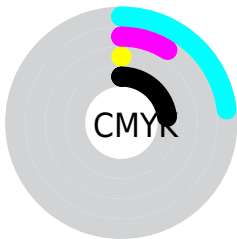
Distribution



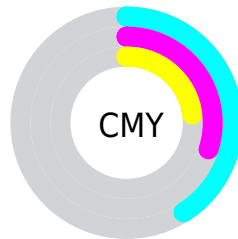
- Red (59%)
- Green (70%)
- Blue (77%)



- Red (59%)
- Yellow (65%)
- Blue (77%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (23%)





- Cyan (41%)
- Magenta (30%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 13.505, 245.806 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, 13.505, 245.806 by changing the saturation by 10% instead.


 71, 13.505,
245.806


 71, 13.505,
245.806


 100, 13.505,
245.806


 61, 13.505,
245.806


 91, 13.505,
245.806

 51, 13.505,
245.806

 41, 13.505,
245.806

 31, 13.505,
245.806

 21, 13.505,
245.806

 11, 13.505,
245.806

 1, 13.505, 245.806

0, 13.505, 245.806

71, 13.505,
245.806

71, 13.505,
245.806

68, 18.888,
247.521

74, 7.883, 244.407

78, 2.072, 243.400

64, 23.988,
249.631

81, 3.886, 62.110

61, 28.770,
252.204

85, 9.951, 61.380

58, 33.220,
255.315

88, 16.090, 60.728

91, 18.846, 69.524

55, 37.362,
259.018

93, 20.454, 82.495

53, 41.270,
263.320

95, 22.942, 93.032

■ 50, 45.070,
268.138

■ 97, 26.041,
101.204

■ 49, 47.595,
271.339

Harmonies

Complementary

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



71, 13.505, 245.806



71, 15.013, 60.518

Rectangle

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



71, 13.505, 245.806



71, 13.505, 295.806



71, 13.505, 65.806



71, 13.505, 115.806

Sweetspot

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



71, 13.504, 245.800



97, 5.117, 243.687



75, 22.920, 155.951



51, 3.322, 243.749



0, 0.000, 0.000



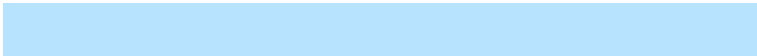
53, 0.007, 296.813

Same Dimension

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



71, 13.504, 245.800



88, 19.768, 246.608



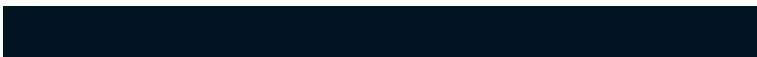
65, 22.636, 287.925



39, 3.305, 243.922



40, 40.645, 270.531



6, 11.417, 258.240

Inverse Universe

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



67, 23.156, 340.062



82, 34.247, 340.505



77, 21.746, 102.472



38, 5.488, 338.883



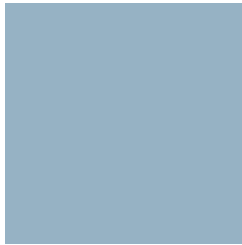
35, 62.227, 351.797



3, 16.975, 345.729

Previews

White Background



This preview shows how the CIELCh color 71, 13.505, 245.806 looks on a white background.

Color Contrast Check

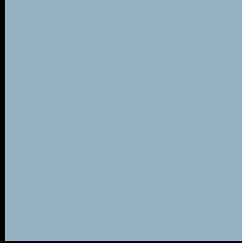
Large Text (above 18pt) WCAG AA × Fail

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, 13.505, 245.806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

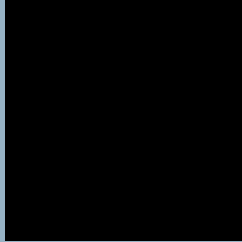
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

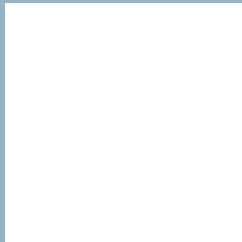
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 13.505, 245.806

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.505, 245.806.



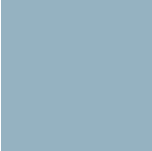
This preview shows how white text looks on a background with the CIELCh color 71, 13.505, 245.806.

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





Tritanopia
71, 12.720, 239.095

Trichromacy



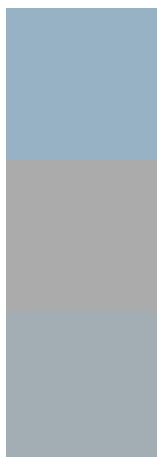
Original Color
71, 13.505, 245.806

Protanomaly
71, 10.991, 270.535

Deuteranomaly
71, 13.711, 285.640

Tritanomaly
71, 13.042, 241.094

Monochromacy



Original Color
71, 13.505, 245.806

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.231, 246.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.505, 245.806 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(150, 178, 196)` looks like.

```
.text, #text, p{  
    color:rgb(150, 178, 196)  
}
```

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(150, 178, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 178, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.505, 245.806 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(150, 178, 196) }
```

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

```
.border{ border-color:rgb(150, 178, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 178, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 178, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 178, 196);  
box-shadow:4px 4px 4px 4px rgb(150, 178,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.505, 245.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 178, 196) }
```

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

```
.background{ background-color: rgb(150,  
178, 196) }
```

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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