

Converting Colors

CIELCh(71, 43.224, 242.497)

Have a look what the booklet for
CIELCh(71, 43.224, 242.497)
contains.

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Color

CIELCh(71, 43.363, 243.054)

Conversions

Conversions Part 1

Format	Color
Hex	05BBF3
RGB	5, 187, 243
RGB Percent	2%, 73%, 95%
CMY	0.9805, 0.2655, 0.0458
CMYK	0.98, 0.23, 0.00, 0.05
HSL	194°, 96%, 49%
HSV	194°, 98%, 95%
XYZ	34.1191, 42.1875, 91.3854
YIQ	138.9660, -126.4480, -21.1680

Conversions

Conversions Part 2

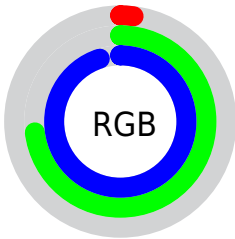
Format	Color
R _{YB}	5, 108, 243
Decimal	375795
CIE Lab	71.00, -19.65, -38.66
CIE LCh	71, 43.363, 243.054
Yxy	42.1875, 0.2035, 0.2516
Android (android.graphics.Color)	4278565875 (0xFF05BBF3)
YUV	138.9660, 51.2888, -117.4882
Hunter-Lab	64.9519, -19.9002, -37.9529

Details

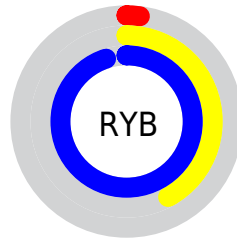
The CIELCh color **71, 43.363, 243.054** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **55, 93.420, 44.282**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 36.726, 207.091**, and **53, 37.838, 253.006** is the 20% darker color. If you saturate the color by 10%, you get **71, 43.652, 243.966**, and if you desaturate by 10%, it is **73, 41.887, 238.734**.

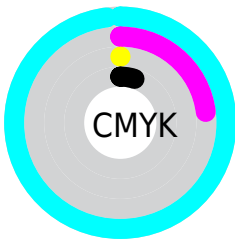
Distribution



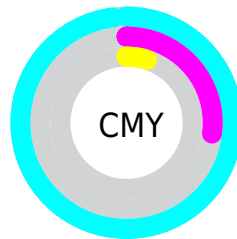
- Red (2%)
- Green (73%)
- Blue (95%)



- Red (2%)
- Yellow (42%)
- Blue (95%)



- Cyan (98%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)





- Cyan (98%)
- Magenta (27%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 43.363, 243.054 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, 43.363, 243.054 by changing the saturation by 10% instead.


 71, 43.363,
243.054


 71, 43.363,
243.054


 100, 43.363,
243.054


 61, 43.363,
243.054


 91, 43.363,
243.054

 51, 43.363,
243.054

 41, 43.363,
243.054

 31, 43.363,
243.054

 21, 43.363,
243.054

 11, 43.363,
243.054

 1, 43.363, 243.054

■ 0, 43.363, 243.054

■ 71, 43.363,
243.054

■ 71, 43.363,
243.054

■ 71, 43.652,
243.966

■ 73, 41.887,
238.734

■ 75, 39.877,
235.081

■ 77, 37.147,
232.108

■ 79, 33.620,
229.746

■ 82, 29.299,
227.901

■ 85, 24.241,
226.482

■ 87, 18.535,
225.408

■ 90, 12.283,
224.613

■ 93, 5.586, 224.074

Harmonies

Complementary

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



71, 43.363, 243.054



55, 93.420, 44.282

Rectangle

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



71, 43.363, 243.054



71, 43.363, 293.054



71, 43.363, 63.054



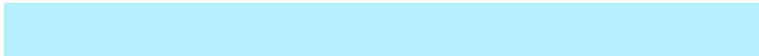
71, 43.363, 113.054

Sweetspot

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



71, 43.362, 243.054



91, 19.896, 225.513



84, 106.526, 139.326



47, 13.442, 225.949



0, 0.000, 0.000



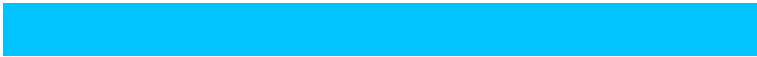
53, 0.007, 296.813

Same Dimension

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



71, 43.362, 243.054



74, 45.258, 244.091



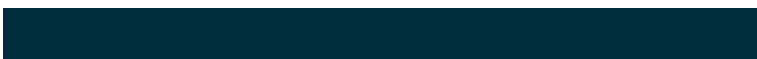
39, 103.736, 299.859



50, 3.995, 224.137



55, 35.570, 243.135



16, 15.453, 236.452

Inverse Universe

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



55, 92.786, 340.345



57, 96.148, 340.672



77, 80.026, 81.890



48, 7.435, 332.366



42, 76.144, 340.374



10, 34.629, 338.405

Previews

White Background



This preview shows how the CIELCh color 71, 43.363, 243.054 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, 43.363, 243.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

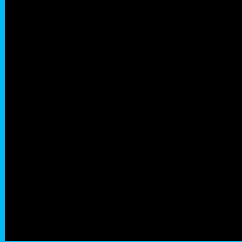
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 43.363, 243.054

Background



This preview shows how black text looks on a background with the CIELCh color 71, 43.363, 243.054.

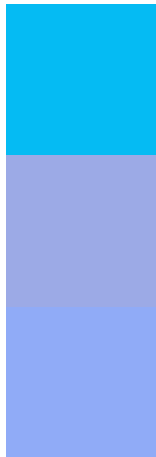


This preview shows how white text looks on a background with the CIELCh color 71, 43.363, 243.054.

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

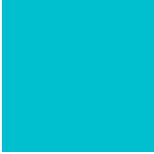
71, 43.328, 243.102

Protanopia

71, 32.963, 285.671

Deuteranopia

71, 41.921, 283.293



Tritanopia
71, 39.065, 208.919

Trichromacy



Original Color
71, 43.328, 243.102



Protanomaly
69, 37.144, 260.001



Deuteranomaly
70, 42.214, 263.134



Tritanomaly
71, 39.055, 222.105

Monochromacy



Original Color
71, 43.328, 243.102



Achromatopsia
58, 0.007, 296.813



Achromatomaly
61, 23.177, 227.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 43.363, 243.054 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(5, 187, 243)` looks like.

```
.text, #text, p{  
    color:rgb(5, 187, 243)  
}
```

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(5, 187, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 187, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 43.363, 243.054 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(5, 187, 243) }
```

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

```
.border{ border-color:rgb(5, 187, 243) }
```

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

Here you see how a box with a 4 pixel rgb(5, 187, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 187, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 187, 243);  
box-shadow:4px 4px 4px 4px rgb(5, 187,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 43.363, 243.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 187, 243) }
```

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

```
.background{ background-color: rgb(5, 187,  
243) }
```

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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