

Converting Colors

CIELCh(73, 43.194, 247.574)

Have a look what the booklet for
CIELCh(73, 43.194, 247.574)
contains.

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Color

CIELCh(73, 43.440, 248.234)

Conversions

Conversions Part 1

Format	Color
Hex	35BFFC
RGB	53, 191, 252
RGB Percent	21%, 75%, 99%
CMY	0.7941, 0.2499, 0.0107
CMYK	0.79, 0.24, 0.00, 0.01
HSL	198°, 97%, 60%
HSV	198°, 79%, 99%
XYZ	37.7437, 45.1644, 99.0542
YIQ	156.6920, -101.8290, -10.2850

Conversions

Conversions Part 2

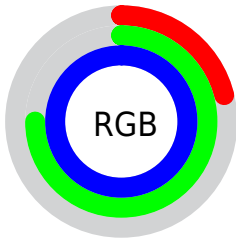
Format	Color
R _Y B	53, 134, 252
Decimal	3522556
CIE Lab	73.00, -16.11, -40.34
CIE LCh	73, 43.440, 248.234
Yxy	45.1644, 0.2074, 0.2482
Android (android.graphics.Color)	4281712636 (0xFF35BFFC)
YUV	156.6920, 46.9868, -90.9379
Hunter-Lab	67.2044, -17.3577, -40.3458

Details

The CIELCh color **73, 43.440, 248.234** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **64, 75.795, 49.051**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 34.326, 204.333**, and **54, 39.607, 254.873** is the 20% darker color. If you saturate the color by 10%, you get **70, 46.462, 252.732**, and if you desaturate by 10%, it is **76, 39.933, 244.434**.

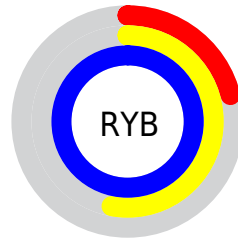
Distribution



Red (21%)

Green (75%)

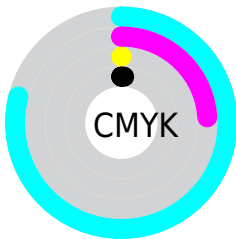
Blue (99%)



Red (21%)

Yellow (53%)

Blue (99%)

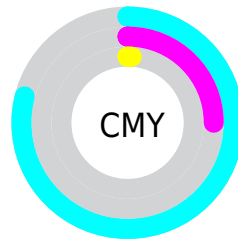


Cyan (79%)

Magenta (24%)

Yellow (0%)

Black (1%)



Cyan (79%)


Magenta (25%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 43.440, 248.234 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 73, 43.440, 248.234 by changing the saturation by 10% instead.


 73, 43.440,
248.234


 73, 43.440,
248.234


 100, 43.440,
248.234


 63, 43.440,
248.234


 93, 43.440,
248.234

 53, 43.440,
248.234

 43, 43.440,
248.234

 33, 43.440,
248.234

 23, 43.440,
248.234

 13, 43.440,
248.234

 3, 43.440, 248.234

■ 0, 43.440, 248.234

■ 73, 43.440,
248.234

■ 73, 43.440,
248.234

■ 70, 46.462,
252.732

■ 76, 39.933,
244.434

■ 68, 49.237,
257.786

■ 79, 35.821,
241.312

■ 68, 49.469,
258.194

■ 82, 31.065,
238.797

■ 85, 25.687,
236.794

■ 88, 19.751,
235.213

■ 92, 13.337,
233.975

■ 96, 6.533, 233.037

■ 99, 0.582, 51.142

■ 100, 1.369,
110.019

Harmonies

Complementary

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



73, 43.440, 248.234



64, 75.795, 49.051

Rectangle

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



73, 43.440, 248.234



73, 43.440, 298.234



73, 43.440, 68.234



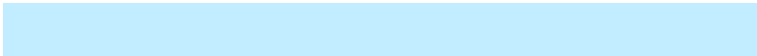
73, 43.440, 118.234

Sweetspot

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



73, 43.439, 248.234



91, 16.620, 234.533



88, 91.925, 144.778



47, 11.306, 234.992



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 43.439, 248.234



70, 48.485, 255.663



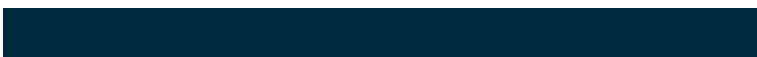
46, 93.280, 297.115



50, 4.008, 233.060



52, 39.417, 257.204



16, 16.854, 249.783

Inverse Universe

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



59, 87.150, 341.950



57, 91.658, 344.705



86, 77.402, 90.616



49, 7.192, 335.130



42, 73.337, 345.320



10, 34.029, 342.545

Previews

White Background



This preview shows how the CIE LCh color 73, 43.440, 248.234 looks on a white background.

Color Contrast Check

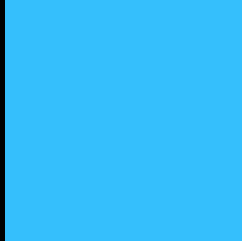
Large Text (above 18pt) WCAG AA × Fail

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 73, 43.440, 248.234 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

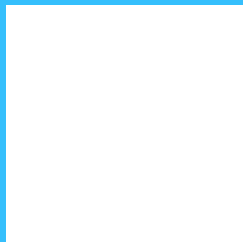
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 43.440, 248.234

Background



This preview shows how black text looks on a background with the CIELCh color 73, 43.440, 248.234.

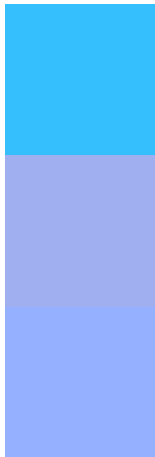


This preview shows how white text looks on a background with the CIELCh color 73, 43.440, 248.234.

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
73, 43.378, 248.334

Protanopia
72, 35.526, 285.514

Deuteranopia
73, 43.332, 283.396



Tritanopia
73, 39.990, 208.554

Trichromacy



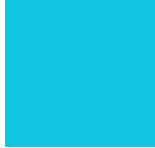
Original Color
73, 43.378, 248.334



Protanomaly
72, 37.440, 266.164



Deuteranomaly
72, 42.240, 267.900



Tritanomaly
73, 39.528, 222.540

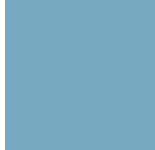
Monochromacy



Original Color
73, 43.378, 248.334



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 20.136, 237.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 43.440, 248.234 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(53, 191, 252)` looks like.

```
.text, #text, p{  
    color:rgb(53, 191, 252)  
}
```

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(53, 191, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 191, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 43.440, 248.234 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(53, 191, 252) }
```

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

```
.border{ border-color:rgb(53, 191, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 191, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 191, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 191, 252);  
box-shadow:4px 4px 4px 4px rgb(53, 191,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 43.440, 248.234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 191, 252) }
```

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

```
.background{ background-color: rgb(53, 191,  
252) }
```

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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