

Converting Colors

CIELCh(73, 42.172, 253.900)

Have a look what the booklet for
CIELCh(73, 42.172, 253.900)
contains.

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Color

CIELCh(73, 42.310, 254.156)

Conversions

Conversions Part 1

Format	Color
Hex	4FBDFD
RGB	79, 189, 253
RGB Percent	31%, 74%, 99%
CMY	0.6900, 0.2587, 0.0077
CMYK	0.69, 0.25, 0.00, 0.01
HSL	202°, 98%, 65%
HSV	202°, 69%, 99%
XYZ	39.1651, 45.1644, 99.6066
YIQ	163.4060, -86.1040, -3.4160

Conversions

Conversions Part 2

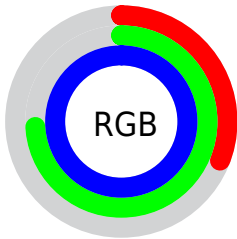
Format	Color
RYB	79, 146, 253
Decimal	5225981
CIELab	73.00, -11.55, -40.70
CIELCh	73, 42.310, 254.156
Yxy	45.1644, 0.2129, 0.2455
Android (android.graphics.Color)	4283416061 (0xFF4FBDFD)
YUV	163.4060, 44.1698, -74.0241
Hunter-Lab	67.2044, -13.5823, -40.8331

Details

The CIELCh color **73, 42.310, 254.156** 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 **70, 62.909, 54.507**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 30.241, 207.550**, and **54, 40.648, 257.478** is the 20% darker color. If you saturate the color by 10%, you get **70, 46.805, 258.257**, and if you desaturate by 10%, it is **76, 37.403, 250.702**.

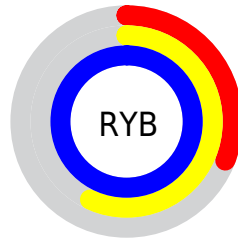
Distribution



Red (31%)

Green (74%)

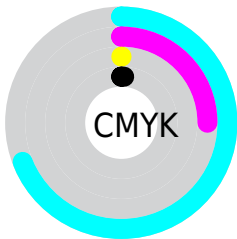
Blue (99%)



Red (31%)

Yellow (57%)

Blue (99%)

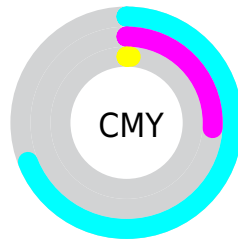


Cyan (69%)

Magenta (25%)

Yellow (0%)

Black (1%)



Cyan (69%)


Magenta (26%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 42.310, 254.156 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, 42.310, 254.156 by changing the saturation by 10% instead.


 73, 42.310,
254.156


 73, 42.310,
254.156


 100, 42.310,
254.156


 63, 42.310,
254.156


 93, 42.310,
254.156

 53, 42.310,
254.156

 43, 42.310,
254.156

 33, 42.310,
254.156

 23, 42.310,
254.156

 13, 42.310,
254.156

 3, 42.310, 254.156

■ 0, 42.310, 254.156

■ 73, 42.310,
254.156

■ 73, 42.310,
254.156

■ 70, 46.805,
258.257

■ 76, 37.403,
250.702

■ 67, 51.028,
262.974

■ 80, 32.027,
247.852

■ 64, 55.192,
268.120

■ 84, 26.181,
245.530

■ 64, 55.727,
268.745

■ 88, 19.902,
243.651

■ 92, 13.252,
242.139

■ 96, 6.298, 240.948

100, 0.638, 83.456

100, 0.987,
110.026

Harmonies

Complementary

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



73, 42.310, 254.156



70, 62.909, 54.507

Rectangle

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



73, 42.310, 254.156



73, 42.310, 304.156



73, 42.310, 74.156



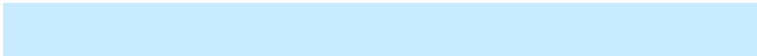
73, 42.310, 124.156

Sweetspot

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



73, 42.309, 254.156



91, 14.864, 242.450



89, 78.374, 149.198



48, 10.004, 242.855



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, 42.309, 254.156



69, 48.920, 260.203



50, 87.133, 297.006



51, 4.108, 241.025



49, 44.601, 267.797



15, 18.898, 260.530

Inverse Universe

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



62, 77.943, 344.054



58, 86.242, 346.594



91, 73.256, 96.461



50, 6.994, 337.831



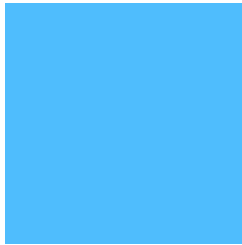
42, 71.451, 350.259



11, 33.693, 346.724

Previews

White Background



This preview shows how the CIE LCh color 73, 42.310, 254.156 looks on a white background.

Color Contrast Check

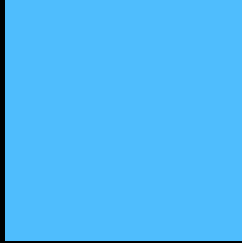
Large Text (above 18pt) WCAG AA × Fail

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, 42.310, 254.156 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

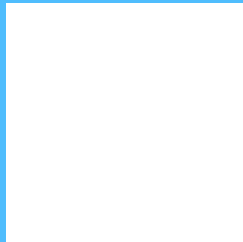
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 42.310, 254.156

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.310, 254.156.



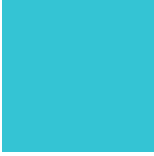
This preview shows how white text looks on a background with the CIELCh color 73, 42.310, 254.156.

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
73, 36.650, 210.778

Trichromacy



Original Color
73, 42.310, 254.156

Protanomaly
73, 38.056, 270.616

Deuteranomaly
73, 41.888, 271.508

Tritanomaly
73, 36.368, 228.253

Monochromacy



Original Color
73, 42.310, 254.156

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 18.290, 245.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 42.310, 254.156 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(79, 189, 253)` looks like.

```
.text, #text, p{  
    color:rgb(79, 189, 253)  
}
```

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(79, 189, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 189, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.310, 254.156 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(79, 189, 253) }
```

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

```
.border{ border-color:rgb(79, 189, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 189, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 189, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 189, 253);  
box-shadow:4px 4px 4px 4px rgb(79, 189,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.310, 254.156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 189, 253) }
```

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

```
.background{ background-color: rgb(79, 189,  
253) }
```

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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