

Converting Colors

CIELCh(73, 44.098, 251.936)

Have a look what the booklet for
CIELCh(73, 44.098, 251.936)
contains.

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Color

CIELCh(73, 44.098, 251.936)

Conversions

Conversions Part 1

Format	Color
Hex	3DBEFF
RGB	61, 190, 255
RGB Percent	24%, 75%, 100%
CMY	0.7593, 0.2540, 0.0000
CMYK	0.76, 0.25, 0.00, 0.00
HSL	200°, 100%, 62%
HSV	200°, 76%, 100%
XYZ	38.4987, 45.1644, 101.4990
YIQ	158.8390, -97.7490, -7.1330

Conversions

Conversions Part 2

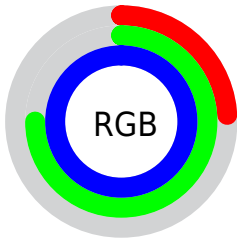
Format	Color
R _Y B	61, 138, 255
Decimal	4046591
CIE Lab	73.00, -13.67, -41.92
CIE LCh	73, 44.098, 251.936
Yxy	45.1644, 0.2079, 0.2439
Android (android.graphics.Color)	4282236671 (0xFF3DBEFF)
YUV	158.8390, 47.4074, -85.8048
Hunter-Lab	67.2044, -15.3523, -42.5027

Details

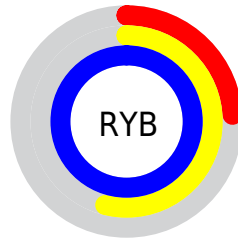
The CIELCh color **73, 44.098, 251.936** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **67, 71.935, 51.337**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 32.991, 205.623**, and **54, 41.104, 257.875** is the 20% darker color. If you saturate the color by 10%, you get **70, 47.700, 256.241**, and if you desaturate by 10%, it is **76, 39.892, 248.019**.

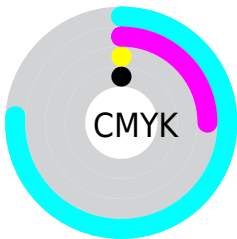
Distribution



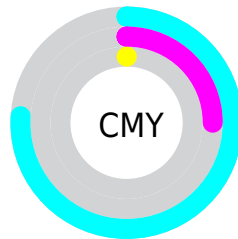
- Red (24%)
- Green (75%)
- Blue (100%)



- Red (24%)
- Yellow (54%)
- Blue (100%)



- Cyan (76%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)




- Cyan (76%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 44.098, 251.936 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, 44.098, 251.936 by changing the saturation by 10% instead.

 73, 44.098,
251.936


 73, 44.098,
251.936


 100, 44.098,
251.936

 63, 44.098,
251.936


 93, 44.098,
251.936

 53, 44.098,
251.936

 43, 44.098,
251.936

 33, 44.098,
251.936

 23, 44.098,
251.936

 13, 44.098,
251.936

 3, 44.098, 251.936

■ 0, 44.098, 251.936

■ 73, 44.098,
251.936

■ 73, 44.098,
251.936

■ 70, 47.700,
256.241

■ 76, 39.892,
248.019

■ 67, 51.139,
261.286

■ 79, 35.230,
244.905

■ 66, 52.557,
263.393

■ 83, 29.996,
242.378

■ 86, 24.218,
240.349

■ 90, 17.955,
238.731

■ 94, 11.285,
237.451

■ 98, 4.282, 236.496

100, 0.012,
296.813

Harmonies

Complementary

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



73, 44.098, 251.936



67, 71.935, 51.337

Rectangle

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



73, 44.098, 251.936



73, 44.098, 301.936



73, 44.098, 71.936



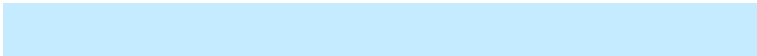
73, 44.098, 121.936

Sweetspot

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



73, 44.014, 251.791



91, 16.043, 238.324



89, 87.550, 146.591



47, 11.006, 238.830



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, 44.014, 251.791



69, 49.461, 258.737



47, 93.826, 297.625



51, 4.080, 236.791



51, 41.885, 262.414



16, 18.005, 255.184

Inverse Universe

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



60, 84.678, 343.193



57, 89.779, 345.955



89, 77.495, 93.433



50, 7.162, 336.361



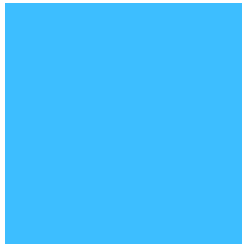
42, 72.768, 347.573



11, 34.313, 344.520

Previews

White Background



This preview shows how the CIELCh color 73, 44.098, 251.936 looks on a white background.

Color Contrast Check

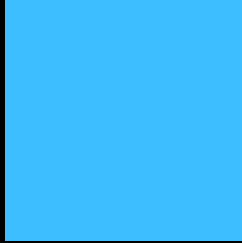
Large Text (above 18pt) WCAG AA × Fail

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, 44.098, 251.936 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

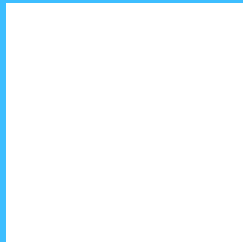
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 44.098, 251.936

Background



This preview shows how black text looks on a background with the CIELCh color 73, 44.098, 251.936.

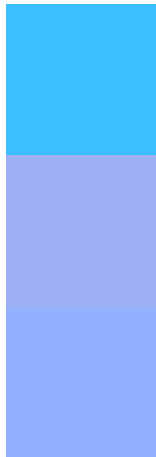


This preview shows how white text looks on a background with the CIELCh color 73, 44.098, 251.936.

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

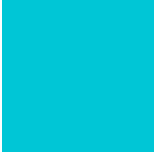
73, 44.098, 251.936

Protanopia

72, 37.156, 285.615

Deuteranopia

73, 43.373, 283.045



Tritanopia
73, 39.953, 209.390

Trichromacy



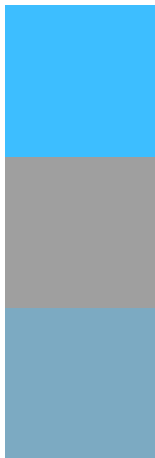
Original Color
73, 44.098, 251.936

Protanomaly
72, 38.562, 268.576

Deuteranomaly
72, 42.889, 269.894

Tritanomaly
73, 39.577, 225.268

Monochromacy



Original Color
73, 44.098, 251.936

Achromatopsia
65, 0.008, 296.813

Achromatomaly
67, 19.569, 241.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 44.098, 251.936 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(61, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(61, 190, 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(61, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 190, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 44.098, 251.936 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(61, 190, 255) }
```

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

```
.border{ border-color:rgb(61, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(61, 190,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 44.098, 251.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 190, 255) }
```

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

```
.background{ background-color: rgb(61, 190,  
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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