

Converting Colors

CIELCh(72, 44.204, 262.023)

Have a look what the booklet for
CIELCh(72, 44.204, 262.023)
contains.

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Color

CIELCh(72, 43.773, 261.431)

Conversions

Conversions Part 1

Format	Color
Hex	5AB8FF
RGB	90, 184, 255
RGB Percent	35%, 72%, 100%
CMY	0.6472, 0.2785, 0.0001
CMYK	0.65, 0.28, 0.00, 0.00
HSL	206°, 100%, 68%
HSV	206°, 65%, 100%
XYZ	39.3926, 43.6590, 100.9324
YIQ	163.9880, -78.8150, 2.1530

Conversions

Conversions Part 2

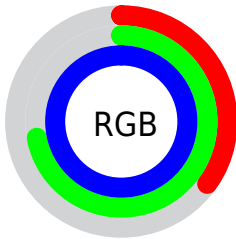
Format	Color
R _Y B	90, 150, 255
Decimal	5945599
CIE Lab	72.00, -6.52, -43.28
CIE LCh	72, 43.773, 261.431
Yxy	43.6590, 0.2141, 0.2373
Android (android.graphics.Color)	4284135679 (0xFF5AB8FF)
YUV	163.9880, 44.8689, -64.8875
Hunter-Lab	66.0750, -9.2130, -44.3156

Details

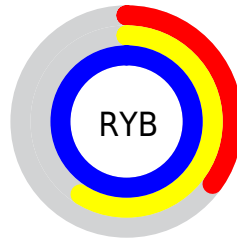
The CIELCh color **72, 43.773, 261.431** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **74, 58.258, 60.537**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 27.051, 214.734**, and **52, 43.347, 263.195** is the 20% darker color. If you saturate the color by 10%, you get **68, 49.504, 265.378**, and if you desaturate by 10%, it is **76, 37.786, 258.065**.

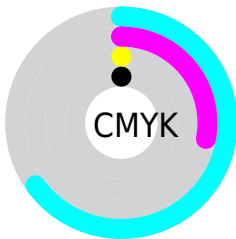
Distribution



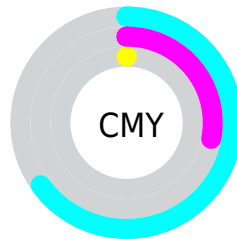
- Red (35%)
- Green (72%)
- Blue (100%)



- Red (35%)
- Yellow (59%)
- Blue (100%)



- Cyan (65%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (65%)
- Magenta (28%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 43.773, 261.431 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 72, 43.773, 261.431 by changing the saturation by 10% instead.


 72, 43.773,
261.431


 72, 43.773,
261.431


 100, 43.773,
261.431


 62, 43.773,
261.431


 92, 43.773,
261.431

 52, 43.773,
261.431

 42, 43.773,
261.431

 32, 43.773,
261.431

 22, 43.773,
261.431

 12, 43.773,
261.431

 2, 43.773, 261.431

■ 0, 43.773, 261.431

■ 72, 43.773,
261.431

■ 72, 43.773,
261.431

■ 68, 49.504,
265.378

■ 76, 37.786,
258.065

■ 65, 55.095,
269.870

■ 80, 31.491,
255.248

■ 61, 60.708,
274.769

■ 84, 24.882,
252.915

■ 59, 63.765,
277.376

■ 89, 17.986,
250.994

■ 93, 10.848,
249.420

■ 98, 3.516, 248.198

Harmonies

Complementary

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



72, 43.773, 261.431



74, 58.258, 60.537

Rectangle

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



72, 43.773, 261.431



72, 43.773, 311.431



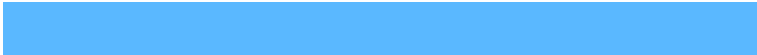
72, 43.773, 81.431



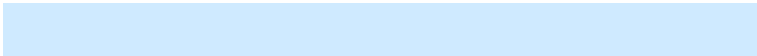
72, 43.773, 131.431

Sweetspot

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



72, 43.772, 261.432



91, 13.937, 250.056



90, 71.904, 152.016



47, 9.556, 250.512



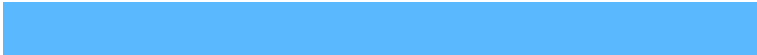
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 43.772, 261.432



67, 51.355, 266.799



51, 87.049, 297.944



51, 4.218, 248.728



45, 50.581, 276.456



14, 20.955, 269.412

Inverse Universe

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



63, 72.652, 347.185



59, 81.452, 349.825



94, 72.933, 99.863



50, 6.694, 340.786



42, 69.506, 355.648



11, 32.694, 351.151

Previews

White Background



This preview shows how the CIELCh color 72, 43.773, 261.431 looks on a white background.

Color Contrast Check

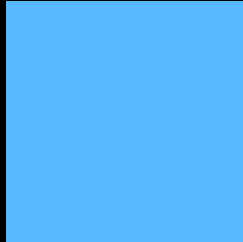
Large Text (above 18pt) WCAG AA × Fail

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 72, 43.773, 261.431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

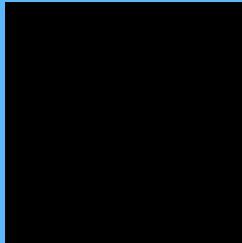
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

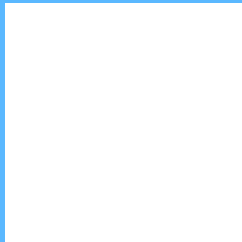
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 43.773, 261.431

Background



This preview shows how black text looks on a background with the CIELCh color 72, 43.773, 261.431.

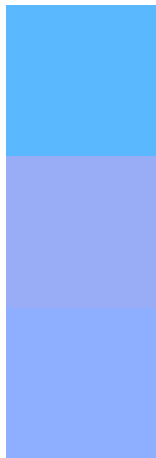


This preview shows how white text looks on a background with the CIELCh color 72, 43.773, 261.431.

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

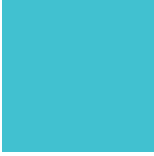
72, 43.773, 261.431

Protanopia

72, 39.989, 285.322

Deuteranopia

72, 44.629, 282.535



Tritanopia
72, 34.532, 210.845

Trichromacy



Original Color
72, 43.773, 261.431

Protanomaly
72, 40.741, 274.844

Deuteranomaly
72, 43.718, 274.029

Tritanomaly
72, 34.661, 231.262

Monochromacy



Original Color
72, 43.773, 261.431

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 17.883, 252.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 43.773, 261.431 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(90, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(90, 184, 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(90, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 184, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 43.773, 261.431 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(90, 184, 255) }
```

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

```
.border{ border-color:rgb(90, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(90, 184,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 43.773, 261.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 184, 255) }
```

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

```
.background{ background-color: rgb(90, 184,  
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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