

Converting Colors

CIELCh(72, 43.181, 264.810)

Have a look what the booklet for
CIELCh(72, 43.181, 264.810)
contains.

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Color

CIELCh(72, 43.261, 264.578)

Conversions

Conversions Part 1

Format	Color
Hex	65B7FF
RGB	101, 183, 255
RGB Percent	40%, 72%, 100%
CMY	0.6055, 0.2837, 0.0015
CMYK	0.60, 0.28, 0.00, 0.00
HSL	208°, 100%, 70%
HSV	208°, 60%, 100%
XYZ	40.1694, 43.6590, 100.5960
YIQ	166.6900, -71.9840, 5.0080

Conversions

Conversions Part 2

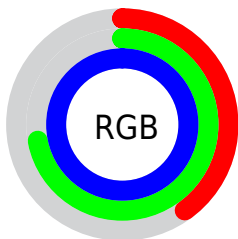
Format	Color
RYB	101, 155, 255
Decimal	6666239
CIELab	72.00, -4.09, -43.07
CIELCh	72, 43.261, 264.578
Yxy	43.6590, 0.2178, 0.2367
Android (android.graphics.Color)	4284856319 (0xFF65B7FF)
YUV	166.6900, 43.5368, -57.6101
Hunter-Lab	66.0750, -7.1145, -44.0137

Details

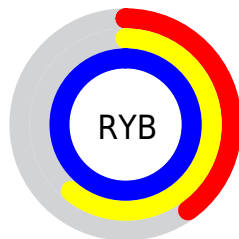
The CIELCh color **72, 43.261, 264.578** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77, 53.852, 64.548**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 24.667, 217.867**, and **52, 43.451, 264.906** is the 20% darker color. If you saturate the color by 10%, you get **68, 49.719, 268.278**, and if you desaturate by 10%, it is **76, 36.621, 261.418**.

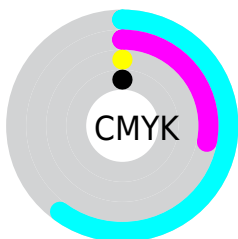
Distribution



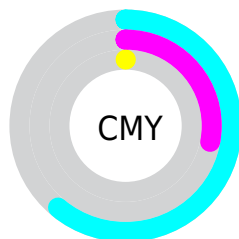
- Red (40%)
- Green (72%)
- Blue (100%)



- Red (40%)
- Yellow (61%)
- Blue (100%)



- Cyan (60%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (61%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 43.261, 264.578 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, 43.261, 264.578 by changing the saturation by 10% instead.


 72, 43.261,
264.578


 72, 43.261,
264.578


 100, 43.261,
264.578


 62, 43.261,
264.578


 92, 43.261,
264.578

 52, 43.261,
264.578

 42, 43.261,
264.578

 32, 43.261,
264.578

 22, 43.261,
264.578

 12, 43.261,
264.578

 2, 43.261, 264.578

0, 43.261, 264.578

72, 43.261,
264.578

72, 43.261,
264.578

68, 49.719,
268.278

76, 36.621,
261.418

64, 56.089,
272.497

81, 29.761,
258.761

60, 62.506,
277.131

85, 22.679,
256.547

57, 68.796,
281.662

90, 15.397,
254.709

95, 7.952, 253.197

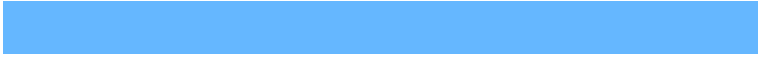
100, 0.384,
253.076

100, 0.181,
109.738

Harmonies

Complementary

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



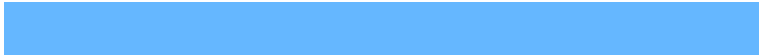
72, 43.261, 264.578



77, 53.852, 64.548

Rectangle

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



72, 43.261, 264.578



72, 43.261, 314.578



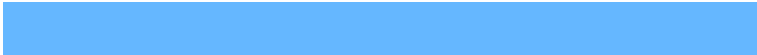
72, 43.261, 84.578



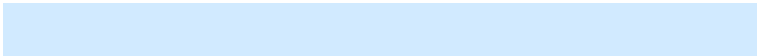
72, 43.261, 134.578

Sweetspot

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



72, 43.260, 264.578



91, 13.571, 254.303



90, 64.969, 155.038



47, 9.405, 254.779



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, 43.260, 264.578



67, 51.381, 269.291



52, 85.430, 298.744



51, 4.317, 253.065



43, 54.567, 280.786



13, 22.373, 273.983

Inverse Universe

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



65, 67.622, 348.775



60, 77.302, 351.272



96, 71.707, 102.914



50, 6.525, 342.664



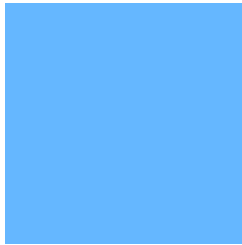
41, 68.710, 359.029



11, 32.216, 353.945

Previews

White Background



This preview shows how the CIE LCh color 72, 43.261, 264.578 looks on a white background.

Color Contrast Check

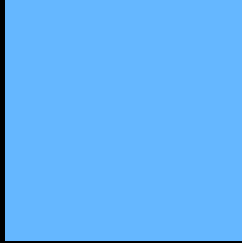
Large Text (above 18pt) WCAG AA × Fail

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, 43.261, 264.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

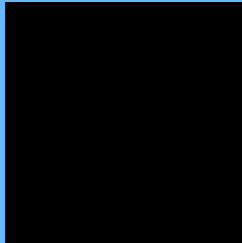
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

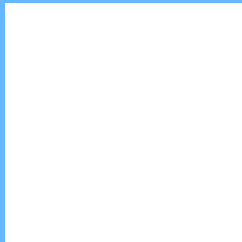
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 43.261, 264.578

Background



This preview shows how black text looks on a background with the CIELCh color 72, 43.261, 264.578.

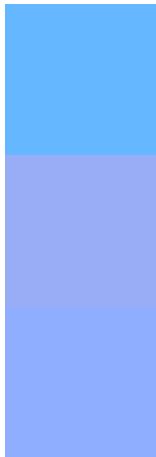


This preview shows how white text looks on a background with the CIELCh color 72, 43.261, 264.578.

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, 43.261, 264.578

Protanopia
72, 40.520, 285.507

Deuteranopia
72, 44.586, 282.867



Tritanopia
72, 32.199, 212.028

Trichromacy



Original Color
72, 43.261, 264.578

Protanomaly
72, 40.981, 276.538

Deuteranomaly
72, 43.867, 276.194

Tritanomaly
72, 32.720, 233.707

Monochromacy



Original Color
72, 43.261, 264.578

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 17.154, 255.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 43.261, 264.578 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(101, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(101, 183, 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(101, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 183, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 43.261, 264.578 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(101, 183, 255) }
```

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

```
.border{ border-color:rgb(101, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(101, 183,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 43.261, 264.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 183, 255) }
```

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

```
.background{ background-color: rgb(101,  
183, 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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