

Converting Colors

CIELCh(72, 43.275, 263.088)

Have a look what the booklet for
CIELCh(72, 43.275, 263.088)
contains.

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Color

CIELCh(72, 43.228, 262.973)

Conversions

Conversions Part 1

Format	Color
Hex	60B7FE
RGB	96, 183, 254
RGB Percent	38%, 72%, 100%
CMY	0.6222, 0.2813, 0.0028
CMYK	0.62, 0.28, 0.00, 0.00
HSL	207°, 99%, 69%
HSV	207°, 62%, 100%
XYZ	39.7850, 43.6590, 100.3419
YIQ	165.0810, -74.6430, 3.6370

Conversions

Conversions Part 2

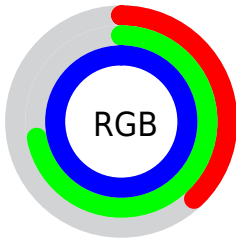
Format	Color
R _Y B	96, 152, 254
Decimal	6338558
CIE Lab	72.00, -5.29, -42.90
CIE LCh	72, 43.228, 262.973
Yxy	43.6590, 0.2165, 0.2376
Android (android.graphics.Color)	4284528638 (0xFF60B7FE)
YUV	165.0810, 43.8371, -60.5840
Hunter-Lab	66.0750, -8.1529, -43.7857

Details

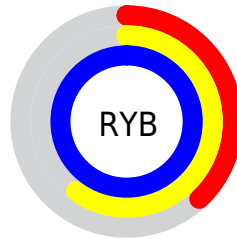
The CIELCh color **72, 43.228, 262.973** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **76, 55.412, 62.659**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 25.910, 216.810**, and **52, 43.311, 263.463** is the 20% darker color. If you saturate the color by 10%, you get **68, 49.341, 266.770**, and if you desaturate by 10%, it is **76, 36.895, 259.735**.

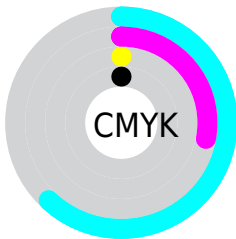
Distribution



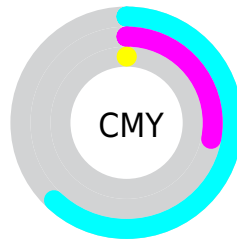
- Red (38%)
- Green (72%)
- Blue (100%)



- Red (38%)
- Yellow (60%)
- Blue (100%)



- Cyan (62%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (62%)
- Magenta (28%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 43.228, 262.973 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, 43.228, 262.973 by changing the saturation by 10% instead.


 72, 43.228,
262.973


 72, 43.228,
262.973


 100, 43.228,
262.973


 62, 43.228,
262.973


 92, 43.228,
262.973

 52, 43.228,
262.973

 42, 43.228,
262.973

 32, 43.228,
262.973

 22, 43.228,
262.973

 12, 43.228,
262.973

 2, 43.228, 262.973

0, 43.228, 262.973

72, 43.228,
262.973

72, 43.228,
262.973

68, 49.341,
266.770

76, 36.895,
259.735

64, 55.336,
271.101

81, 30.300,
257.020

61, 61.358,
275.851

85, 23.441,
254.764

58, 66.249,
279.680

90, 16.344,
252.898

94, 9.048, 251.366

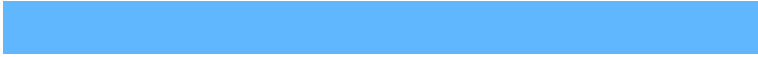
99, 1.599, 250.320

100, 0.347,

Harmonies

Complementary

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



72, 43.228, 262.973



76, 55.412, 62.659

Rectangle

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



72, 43.228, 262.973



72, 43.228, 312.973



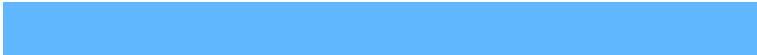
72, 43.228, 82.973



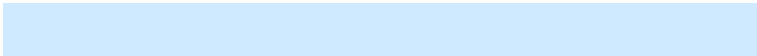
72, 43.228, 132.973

Sweetspot

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



72, 43.227, 262.973



91, 14.123, 252.388



90, 68.342, 153.204



47, 9.689, 252.856



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, 43.227, 262.973



67, 51.191, 267.972



52, 84.629, 297.925



51, 4.267, 251.020



44, 52.629, 278.787



13, 21.680, 271.862

Inverse Universe

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



64, 69.596, 347.944



60, 79.126, 350.494



95, 71.296, 101.029



50, 6.605, 341.755



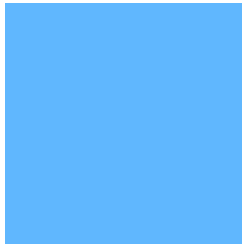
41, 69.055, 357.400



11, 32.433, 352.597

Previews

White Background



This preview shows how the CIELCh color 72, 43.228, 262.973 looks on a white background.

Color Contrast Check

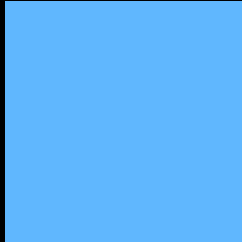
Large Text (above 18pt) WCAG AA × Fail

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, 43.228, 262.973 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

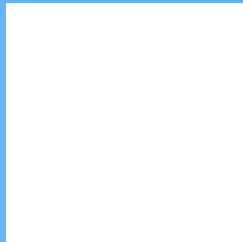
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 43.228, 262.973

Background



This preview shows how black text looks on a background with the CIELCh color 72, 43.228, 262.973.

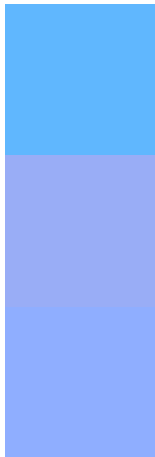


This preview shows how white text looks on a background with the CIELCh color 72, 43.228, 262.973.

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

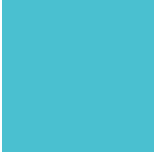
72, 43.228, 262.973

Protanopia

72, 39.989, 285.322

Deuteranopia

72, 44.586, 282.867



Tritanopia
72, 33.028, 212.599

Trichromacy



Original Color
72, 43.228, 262.973

Protanomaly
72, 40.607, 275.522

Deuteranomaly
72, 43.990, 275.594

Tritanomaly
72, 33.643, 233.697

Monochromacy



Original Color
72, 43.228, 262.973

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 17.096, 252.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 43.228, 262.973 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(96, 183, 254)` looks like.

```
.text, #text, p{  
    color:rgb(96, 183, 254)  
}
```

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(96, 183, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 183, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 43.228, 262.973 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(96, 183, 254) }
```

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

```
.border{ border-color:rgb(96, 183, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 183, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 183, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 183, 254);  
box-shadow:4px 4px 4px 4px rgb(96, 183,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 43.228, 262.973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 183, 254) }
```

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

```
.background{ background-color: rgb(96, 183,  
254) }
```

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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