

Converting Colors

CIELCh(72, 44.047, 275.662)

Have a look what the booklet for
CIELCh(72, 44.047, 275.662)
contains.

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Color

CIELCh(72, 43.457, 275.215)

Conversions

Conversions Part 1

Format	Color
Hex	7FB2FF
RGB	127, 178, 255
RGB Percent	50%, 70%, 100%
CMY	0.5013, 0.3013, 0.0000
CMYK	0.50, 0.30, 0.00, 0.00
HSL	216°, 100%, 75%
HSV	216°, 50%, 100%
XYZ	42.8065, 43.6590, 100.9212
YIQ	171.5290, -55.1130, 13.1350

Conversions

Conversions Part 2

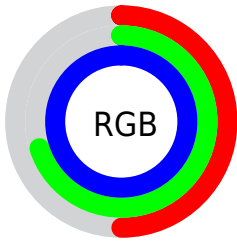
Format	Color
R _Y B	127, 163, 255
Decimal	8368895
CIE Lab	72.00, 3.95, -43.28
CIE LCh	72, 43.457, 275.215
Yxy	43.6590, 0.2284, 0.2330
Android (android.graphics.Color)	4286558975 (0xFF7FB2FF)
YUV	171.5290, 41.1512, -39.0519
Hunter-Lab	66.0750, 0.0096, -44.3055

Details

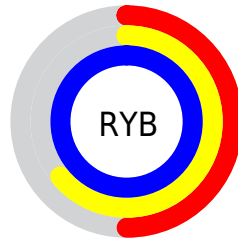
The CIELCh color $72, 43.457, 275.215$ is a light color, and the websafe version is hex `6699CC`. A complement of this color would be $85, 45.797, 78.708$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 18.854, 236.191$, and $52, 43.391, 274.940$ is the 20% darker color. If you saturate the color by 10%, you get $67, 52.229, 278.161$, and if you desaturate by 10%, it is $77, 34.608, 272.576$.

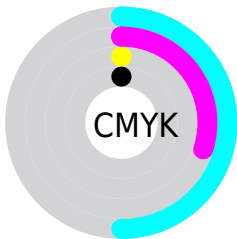
Distribution



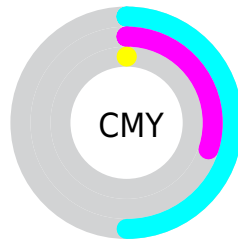
- Red (50%)
- Green (70%)
- Blue (100%)



- Red (50%)
- Yellow (64%)
- Blue (100%)



- Cyan (50%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (50%)
- Magenta (30%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 43.457, 275.215 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, 43.457, 275.215 by changing the saturation by 10% instead.


 72, 43.457,
275.215


 72, 43.457,
275.215


 100, 43.457,
275.215


 62, 43.457,
275.215


 92, 43.457,
275.215

 52, 43.457,
275.215

 42, 43.457,
275.215

 32, 43.457,
275.215

 22, 43.457,
275.215

 12, 43.457,
275.215

 2, 43.457, 275.215

■ 0, 43.457, 275.215

■ 72, 43.457,
275.215

■ 72, 43.457,
275.215

■ 67, 52.229,
278.161

■ 77, 34.608,
272.576

■ 61, 61.234,
281.585

■ 83, 25.907,
270.376

■ 57, 70.452,
285.375

■ 89, 17.256,
268.510

■ 52, 79.914,
289.393

■ 94, 8.657, 266.937

■ 48, 89.434,
293.314

100, 0.118,
268.479

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.



72, 43.457, 275.215



85, 45.797, 78.708

Rectangle

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



72, 43.457, 275.215



72, 43.457, 325.215



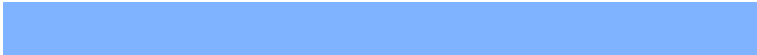
72, 43.457, 95.215



72, 43.457, 145.215

Sweetspot

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



72, 43.372, 275.159



92, 12.840, 267.669



92, 49.144, 163.871



48, 8.766, 268.006



0, 0.000, 0.000



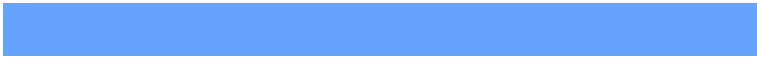
53, 0.007, 296.813

Same Dimension

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



72, 43.372, 275.159



67, 52.116, 278.120



60, 72.030, 300.136



50, 4.859, 266.849



36, 70.714, 292.598



10, 28.407, 286.890

Inverse Universe

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



69, 54.063, 355.746



64, 63.625, 357.792



97, 62.803, 110.082



50, 5.984, 350.307



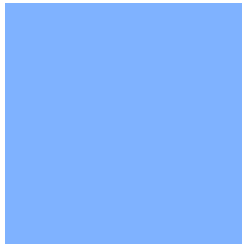
41, 68.341, 11.921



10, 31.299, 4.888

Previews

White Background



This preview shows how the CIELCh color 72, 43.457, 275.215 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, 43.457, 275.215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

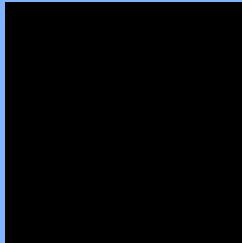
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

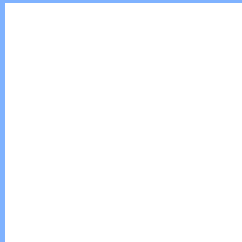
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 43.457, 275.215

Background



This preview shows how black text looks on a background with the CIELCh color 72, 43.457, 275.215.



This preview shows how white text looks on a background with the CIELCh color 72, 43.457, 275.215.

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, 43.457, 275.215

Protanopia

72, 42.709, 285.467

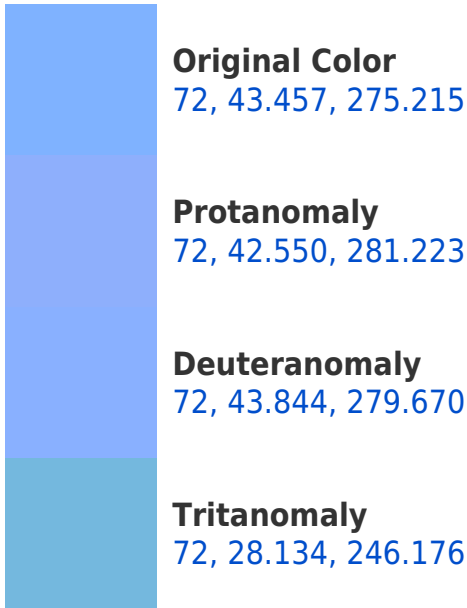
Deuteranopia

72, 44.586, 282.867

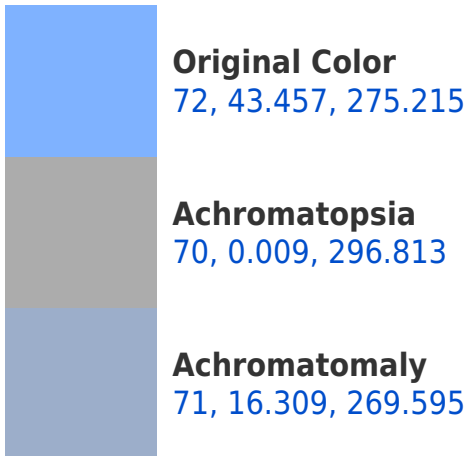


Tritanopia
72, 25.100, 216.873

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 43.457, 275.215 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(127, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(127, 178, 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(127, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 178, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 43.457, 275.215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

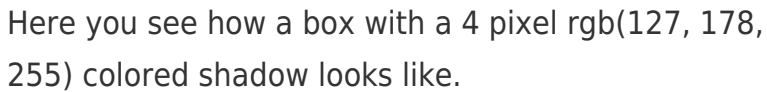
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 178, 255) }
```

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

```
.border{ border-color:rgb(127, 178, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(127, 178,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 43.457, 275.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 178, 255) }
```

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

```
.background{ background-color: rgb(127,  
178, 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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