

Converting Colors

CIELCh(72, 29.526, 255.866)

Have a look what the booklet for
CIELCh(72, 29.526, 255.866)
contains.

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Color

CIELCh(72, 29.376, 255.715)

Conversions

Conversions Part 1

Format	Color
Hex	7CB7E4
RGB	124, 183, 228
RGB Percent	49%, 72%, 89%
CMY	0.5144, 0.2830, 0.1066
CMYK	0.46, 0.20, 0.00, 0.11
HSL	206°, 66%, 69%
HSV	206°, 46%, 89%
XYZ	39.1628, 43.6590, 79.6298
YIQ	170.4890, -49.6090, 1.4870

Conversions

Conversions Part 2

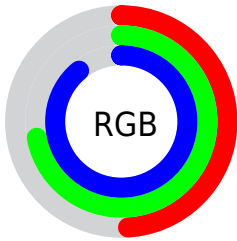
Format	Color
RYB	124, 162, 228
Decimal	8173540
CIELab	72.00, -7.25, -28.47
CIELCh	72, 29.376, 255.715
Yxy	43.6590, 0.2411, 0.2688
Android (android.graphics.Color)	4286363620 (0xFF7CB7E4)
YUV	170.4890, 28.3529, -40.7709
Hunter-Lab	66.0750, -9.8337, -25.2004

Details

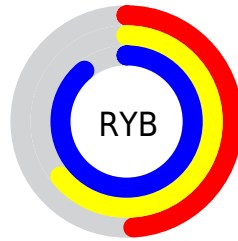
The CIELCh color **72, 29.376, 255.715** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74, 35.599, 62.796**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 20.024, 222.977**, and **52, 29.266, 255.544** is the 20% darker color. If you saturate the color by 10%, you get **68, 35.129, 258.551**, and if you desaturate by 10%, it is **76, 23.340, 253.360**.

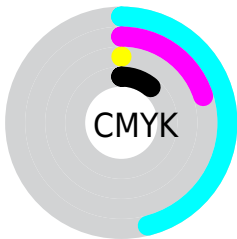
Distribution



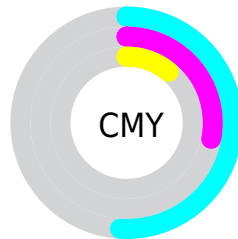
- Red (49%)
- Green (72%)
- Blue (89%)



- Red (49%)
- Yellow (64%)
- Blue (89%)



- Cyan (46%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)





- Cyan (51%)
- Magenta (28%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 29.376, 255.715 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, 29.376, 255.715 by changing the saturation by 10% instead.


 72, 29.376,
255.715


 72, 29.376,
255.715


 100, 29.376,
255.715


 62, 29.376,
255.715


 92, 29.376,
255.715

 52, 29.376,
255.715

 42, 29.376,
255.715

 32, 29.376,
255.715

 22, 29.376,
255.715

 12, 29.376,
255.715

 2, 29.376, 255.715

■ 0, 29.376, 255.715

■ 72, 29.376,
255.715

■ 72, 29.376,
255.715

■ 68, 35.129,
258.551

■ 76, 23.340,
253.360

■ 65, 40.610,
261.930

■ 80, 17.048,
251.418

■ 61, 45.871,
265.881

■ 84, 10.535,
249.822

■ 58, 51.016,
270.363

■ 88, 3.846, 248.561


■ 55, 56.194,
275.235

■ 92, 2.977, 67.169

■ 96, 8.625, 76.221

■ 53, 58.520,
277.333

■ 99, 12.221,
103.821

 99, 13.754,
109.138

Harmonies

Complementary

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



72, 29.376, 255.715



74, 35.599, 62.796

Rectangle

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



72, 29.376, 255.715



72, 29.376, 305.715



72, 29.376, 75.715



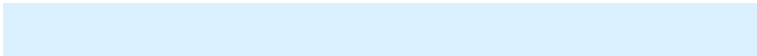
72, 29.376, 125.715

Sweetspot

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



72, 29.375, 255.714



94, 10.347, 249.602



83, 48.186, 154.921



49, 7.125, 249.911



0, 0.000, 0.000



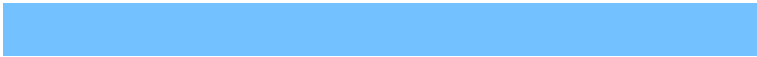
53, 0.007, 296.813

Same Dimension

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



72, 29.375, 255.714



76, 38.067, 258.456



59, 53.997, 293.428



46, 3.874, 248.994



42, 48.075, 276.484



10, 17.654, 267.232

Inverse Universe

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



65, 49.173, 344.510



68, 63.723, 345.796



86, 48.712, 101.798



45, 6.129, 340.893



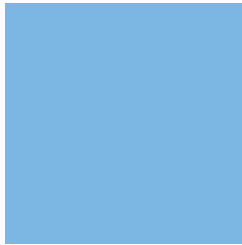
39, 66.024, 355.668



7, 28.395, 350.017

Previews

White Background



This preview shows how the CIELCh color 72, 29.376, 255.715 looks on a white background.

Color Contrast Check

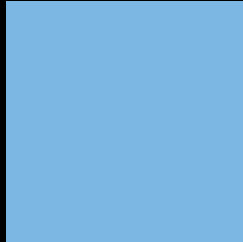
Large Text (above 18pt) WCAG AA × Fail

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, 29.376, 255.715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

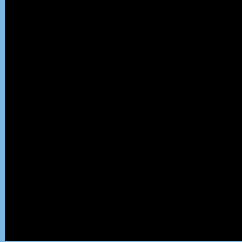
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 29.376, 255.715

Background



This preview shows how black text looks on a background with the CIELCh color 72, 29.376, 255.715.

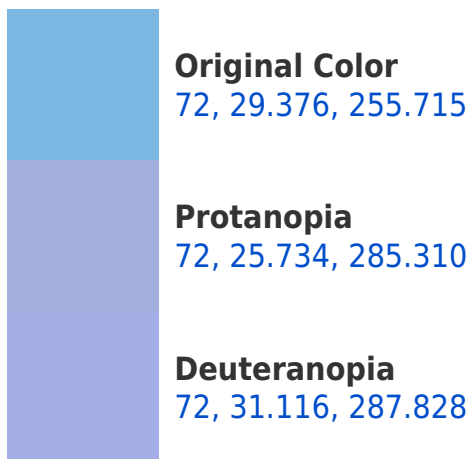


This preview shows how white text looks on a background with the CIELCh color 72, 29.376, 255.715.

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





Tritanopia
72, 23.443, 218.409

Trichromacy



Original Color
72, 29.376, 255.715

Protanomaly
72, 26.264, 272.752

Deuteranomaly
72, 29.298, 275.479

Tritanomaly
72, 24.253, 234.182

Monochromacy



Original Color
72, 29.376, 255.715

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 11.466, 249.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 29.376, 255.715 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(124, 183, 228)` looks like.

```
.text, #text, p{  
    color:rgb(124, 183, 228)  
}
```

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(124, 183, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 183, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 29.376, 255.715 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(124, 183, 228) }
```

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

```
.border{ border-color:rgb(124, 183, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 183, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 183, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 183, 228);  
box-shadow:4px 4px 4px 4px rgb(124, 183,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 29.376, 255.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 183, 228) }
```

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

```
.background{ background-color: rgb(124,  
183, 228) }
```

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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