

Converting Colors

CIELCh(72, 22.835, 249.542)

Have a look what the booklet for
CIELCh(72, 22.835, 249.542)
contains.

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Color

CIELCh(72, 22.774, 248.909)

Conversions

Conversions Part 1

Format	Color
Hex	86B7D7
RGB	134, 183, 215
RGB Percent	53%, 72%, 84%
CMY	0.4758, 0.2836, 0.1582
CMYK	0.38, 0.15, 0.00, 0.16
HSL	204°, 50%, 68%
HSV	204°, 38%, 84%
XYZ	38.8646, 43.6590, 70.4371
YIQ	171.9970, -39.4760, -0.4360

Conversions

Conversions Part 2

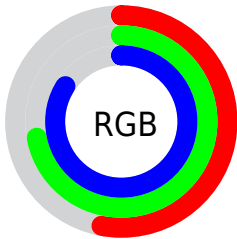
Format	Color
RYB	134, 165, 215
Decimal	8828887
CIELab	72.00, -8.20, -21.25
CIElCh	72, 22.774, 248.909
Yxy	43.6590, 0.2541, 0.2854
Android (android.graphics.Color)	4287018967 (0xFF86B7D7)
YUV	171.9970, 21.2005, -33.3234
Hunter-Lab	66.0750, -10.6394, -16.9517

Details

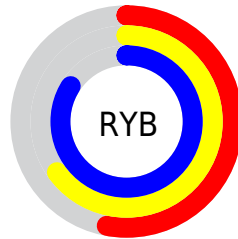
The CIELCh color **72, 22.774, 248.909** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72, 27.261, 59.604**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 17.647, 226.684**, and **52, 22.763, 248.798** is the 20% darker color. If you saturate the color by 10%, you get **69, 28.149, 251.241**, and if you desaturate by 10%, it is **76, 17.078, 246.999**.

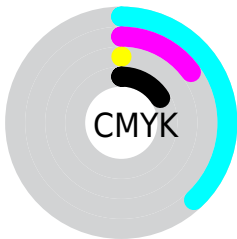
Distribution



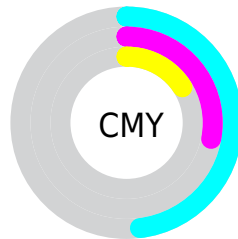
- Red (53%)
- Green (72%)
- Blue (84%)



- Red (53%)
- Yellow (65%)
- Blue (84%)



- Cyan (38%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)



- Cyan (48%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 22.774, 248.909 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, 22.774, 248.909 by changing the saturation by 10% instead.

■ 72, 22.774,
248.909

■ 72, 22.774,
248.909

■ 100, 22.774,
248.909

■ 62, 22.774,
248.909

■ 92, 22.774,
248.909

■ 52, 22.774,
248.909

■ 42, 22.774,
248.909

■ 32, 22.774,
248.909

■ 22, 22.774,
248.909

■ 12, 22.774,
248.909

■ 2, 22.774, 248.909

0, 22.774, 248.909

72, 22.774,
248.909

72, 22.774,
248.909

69, 28.149,
251.241

76, 17.078,
246.999

65, 33.177,
254.078

79, 11.109,
245.447

62, 37.861,
257.488

83, 4.915, 244.215

59, 42.250,
261.504

87, 1.453, 62.735

56, 46.454,
266.094

91, 7.951, 62.122

53, 50.638,
271.089

94, 12.563, 69.963

96, 14.768, 90.023

■ 53, 51.622,
272.192

■ 98, 18.246,
103.533

■ 99, 20.389,
108.634

Harmonies

Complementary

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



72, 22.774, 248.909



72, 27.261, 59.604

Rectangle

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



72, 22.774, 248.909



72, 22.774, 298.909



72, 22.774, 68.909



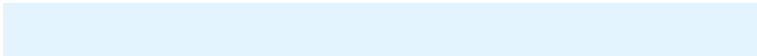
72, 22.774, 118.909

Sweetspot

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



72, 22.773, 248.907



95, 8.005, 244.592



80, 39.362, 154.438



50, 5.368, 244.758



0, 0.000, 0.000



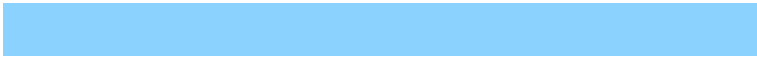
53, 0.007, 296.813

Same Dimension

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



72, 22.773, 248.907



81, 30.690, 250.665



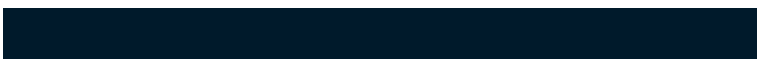
61, 40.243, 290.353



43, 3.594, 244.398



42, 43.009, 271.327



8, 14.728, 259.982

Inverse Universe

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



66, 39.941, 341.607



73, 54.366, 342.433



82, 37.471, 100.888



42, 5.945, 339.067



37, 64.948, 352.271



5, 24.862, 347.006

Previews

White Background



This preview shows how the CIELCh color 72, 22.774, 248.909 looks on a white background.

Color Contrast Check

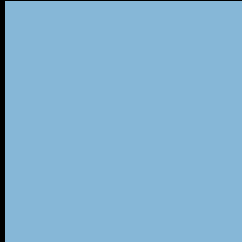
Large Text (above 18pt) WCAG AA × Fail

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, 22.774, 248.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

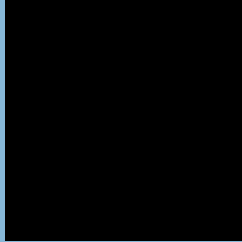
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

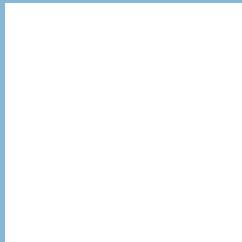
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 22.774, 248.909

Background



This preview shows how black text looks on a background with the CIELCh color 72, 22.774, 248.909.



This preview shows how white text looks on a background with the CIELCh color 72, 22.774, 248.909.

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, 22.774, 248.909

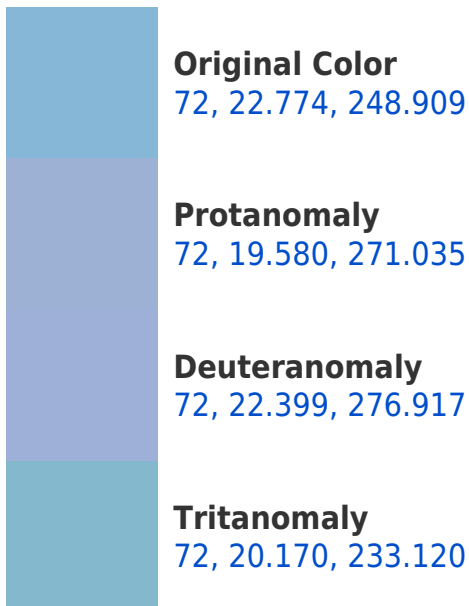
Protanopia
72, 19.122, 286.900

Deuteranopia
72, 24.558, 292.537



Tritanopia
72, 19.431, 223.211

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 22.774, 248.909 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(134, 183, 215)` looks like.

```
.text, #text, p{  
    color:rgb(134, 183, 215)  
}
```

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(134, 183, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 183, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 22.774, 248.909 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(134, 183, 215) }
```

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

```
.border{ border-color:rgb(134, 183, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 183, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 183, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 183, 215);  
box-shadow:4px 4px 4px 4px rgb(134, 183,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 22.774, 248.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 183, 215) }
```

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

```
.background{ background-color: rgb(134,  
183, 215) }
```

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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