

Converting Colors

CIELCh(72, 22.552, 263.394)

Have a look what the booklet for
CIELCh(72, 22.552, 263.394)
contains.

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Color

CIELCh(72, 22.523, 262.999)

Conversions

Conversions Part 1

Format	Color
Hex	92B4D9
RGB	146, 180, 217
RGB Percent	57%, 71%, 85%
CMY	0.4282, 0.2948, 0.1498
CMYK	0.33, 0.17, 0.00, 0.15
HSL	211°, 48%, 71%
HSV	211°, 33%, 85%
XYZ	40.6021, 43.6590, 71.7977
YIQ	174.0520, -32.1410, 4.2990

Conversions

Conversions Part 2

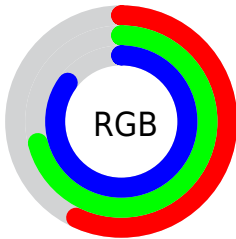
Format	Color
RYB	146, 169, 217
Decimal	9614553
CIELab	72.00, -2.75, -22.36
CIELCh	72, 22.523, 262.999
Yxy	43.6590, 0.2602, 0.2798
Android (android.graphics.Color)	4287804633 (0xFF92B4D9)
YUV	174.0520, 21.1734, -24.6016
Hunter-Lab	66.0750, -5.9456, -18.1726

Details

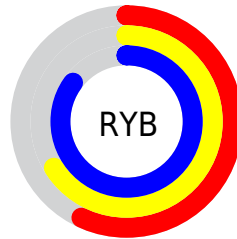
The CIELCh color **72, 22.523, 262.999** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76, 24.384, 73.497**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 14.901, 240.375**, and **52, 22.629, 263.554** is the 20% darker color. If you saturate the color by 10%, you get **68, 29.241, 265.302**, and if you desaturate by 10%, it is **76, 15.716, 261.059**.

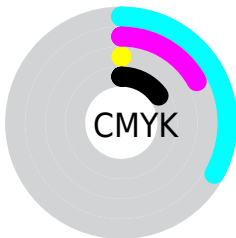
Distribution



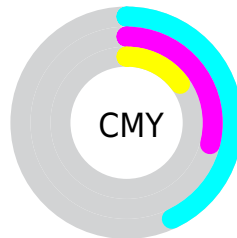
- Red (57%)
- Green (71%)
- Blue (85%)



- Red (57%)
- Yellow (66%)
- Blue (85%)



- Cyan (33%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (43%)
- Magenta (29%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 22.523, 262.999 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, 22.523, 262.999 by changing the saturation by 10% instead.


 72, 22.523,
262.999


 72, 22.523,
262.999


 100, 22.523,
262.999

 62, 22.523,
262.999

 92, 22.523,
262.999

 52, 22.523,
262.999

 42, 22.523,
262.999

 32, 22.523,
262.999

 22, 22.523,
262.999

 12, 22.523,
262.999

 2, 22.523, 262.999

0, 22.523, 262.999

72, 22.523,
262.999

72, 22.523,
262.999

68, 29.241,
265.302

76, 15.716,
261.059

63, 35.870,
268.029

81, 8.839, 259.437

59, 42.427,
271.223

85, 1.913, 258.202

90, 5.037, 76.751

55, 48.963,
274.895

94, 11.991, 75.781

51, 55.558,
278.998

97, 15.883, 99.038

99, 19.309,
108.716

48, 62.305,
283.398

■ 45, 67.348,
286.569

Harmonies

Complementary

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



72, 22.523, 262.999



76, 24.384, 73.497

Rectangle

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



72, 22.523, 262.999



72, 22.523, 312.999



72, 22.523, 82.999



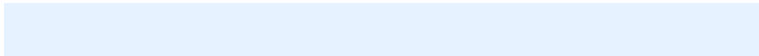
72, 22.523, 132.999

Sweetspot

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



72, 22.522, 262.997



95, 7.919, 259.058



81, 31.095, 161.431



50, 5.400, 259.258



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, 22.522, 262.997



80, 30.493, 264.477



63, 39.752, 294.842



44, 3.979, 258.968



36, 56.133, 285.850



7, 18.715, 275.808

Inverse Universe

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



68, 32.401, 347.987



76, 44.008, 348.816



85, 36.659, 107.756



43, 5.560, 345.559



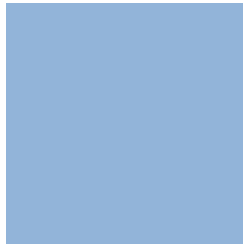
37, 63.316, 3.783



6, 24.867, 355.998

Previews

White Background



This preview shows how the CIELCh color 72, 22.523, 262.999 looks on a white background.

Color Contrast Check

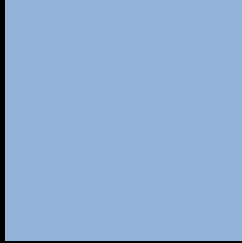
Large Text (above 18pt) WCAG AA × Fail

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, 22.523, 262.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

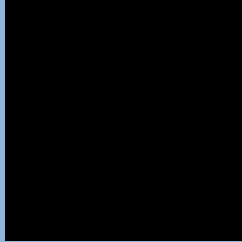
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

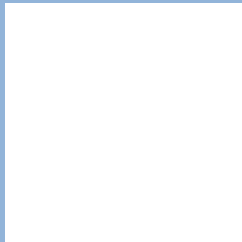
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 22.523, 262.999

Background



This preview shows how black text looks on a background with the CIELCh color 72, 22.523, 262.999.



This preview shows how white text looks on a background with the CIELCh color 72, 22.523, 262.999.

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, 22.523, 262.999

Protanopia

72, 21.309, 286.776

Deuteranopia

72, 25.102, 292.587

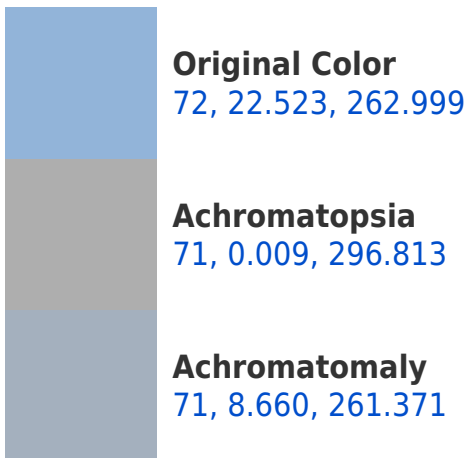


Tritanopia
72, 16.034, 229.287

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 22.523, 262.999 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(146, 180, 217)` looks like.

```
.text, #text, p{  
    color:rgb(146, 180, 217)  
}
```

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(146, 180, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 180, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 22.523, 262.999 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(146, 180, 217) }
```

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

```
.border{ border-color:rgb(146, 180, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 180, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 180, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 180, 217);  
box-shadow:4px 4px 4px 4px rgb(146, 180,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 22.523, 262.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 180, 217) }
```

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

```
.background{ background-color: rgb(146,  
180, 217) }
```

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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