

Converting Colors

CIELCh(72, 22.610, 224.575)

Have a look what the booklet for
CIELCh(72, 22.610, 224.575)
contains.

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Color

CIELCh(72, 22.564, 225.547)

Conversions

Conversions Part 1

Format	Color
Hex	79BACD
RGB	121, 186, 205
RGB Percent	47%, 73%, 80%
CMY	0.5250, 0.2701, 0.1956
CMYK	0.41, 0.09, 0.00, 0.20
HSL	194°, 46%, 64%
HSV	194°, 41%, 80%
XYZ	36.5234, 43.6590, 64.3407
YIQ	168.7310, -44.8390, -7.8710

Conversions

Conversions Part 2

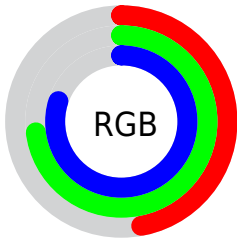
Format	Color
RYB	121, 158, 205
Decimal	7977677
CIELab	72.00, -15.80, -16.11
CIElCh	72, 22.564, 225.547
Yxy	43.6590, 0.2527, 0.3021
Android (android.graphics.Color)	4286167757 (0xFF79BACD)
YUV	168.7310, 17.8806, -41.8601
Hunter-Lab	66.0750, -16.9641, -11.4813




Details

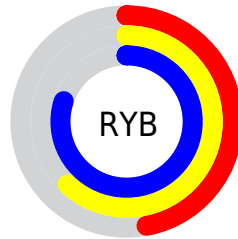
The CIELCh color **72, 22.564, 225.547** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 30.161, 41.949**, and the grayscale version is **69, 0.009, 296.813**.




A 20% lighter version of the original color is **92, 21.481, 216.576**, and **52, 22.628, 225.435** is the 20% darker color. If you saturate the color by 10%, you get **70, 26.796, 226.973**, and if you desaturate by 10%, it is **74, 17.739, 224.462**.

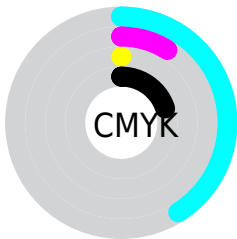
Distribution







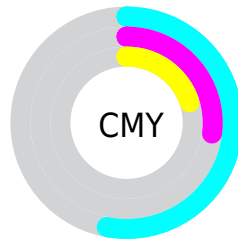
-  Red (47%)
-  Green (73%)
-  Blue (80%)






-  Red (47%)
-  Yellow (62%)
-  Blue (80%)



-  Cyan (41%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (20%)





-  Cyan (53%)
-  Magenta (27%)
-  Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 22.564, 225.547 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, 22.564, 225.547 by changing the saturation by 10% instead.


 72, 22.564,
225.547


 72, 22.564,
225.547


 100, 22.564,
225.547


 62, 22.564,
225.547


 92, 22.564,
225.547

 52, 22.564,
225.547

 42, 22.564,
225.547

 32, 22.564,
225.547

 22, 22.564,
225.547

 12, 22.564,
225.547

 2, 22.564, 225.547

0, 22.564, 225.547

72, 22.564,
225.547

72, 22.564,
225.547

70, 26.796,
226.973

74, 17.739,
224.462

68, 30.365,
228.828

77, 12.411,
223.660

66, 33.226,
231.199

79, 6.668, 223.099

64, 35.389,
234.171

82, 0.593, 223.507

62, 36.932,
237.809

85, 5.737, 42.193

61, 37.993,
241.572

88, 12.261, 42.048

90, 15.466, 46.897

■ 91, 15.262, 57.628

■ 92, 15.605, 68.237

Harmonies

Complementary

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



72, 22.564, 225.547



64, 30.161, 41.949

Rectangle

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



72, 22.564, 225.547



72, 22.564, 275.547



72, 22.564, 45.547



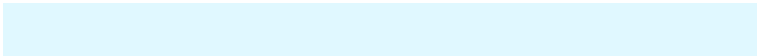
72, 22.564, 95.547

Sweetspot

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



72, 22.564, 225.544



96, 8.693, 223.153



76, 46.720, 147.690



51, 5.746, 223.217



0, 0.000, 0.000



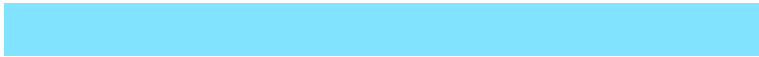
53, 0.007, 296.813

Same Dimension

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



72, 22.564, 225.544



85, 30.954, 226.761



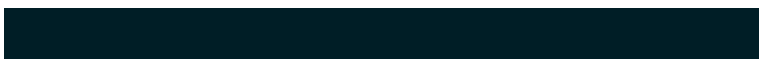
61, 34.392, 281.632



42, 3.452, 223.035



50, 32.334, 240.843



9, 11.746, 230.842

Inverse Universe

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



62, 46.584, 334.235



71, 65.561, 334.893



75, 33.771, 89.730



40, 6.440, 332.026



37, 70.413, 339.678



5, 24.131, 336.683

Previews

White Background



This preview shows how the CIELCh color 72, 22.564, 225.547 looks on a white background.

Color Contrast Check

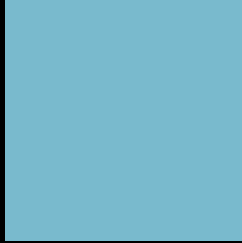
Large Text (above 18pt) WCAG AA × Fail

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, 22.564, 225.547 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

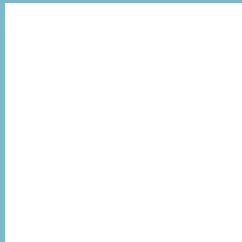
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 22.564, 225.547

Background



This preview shows how black text looks on a background with the CIELCh color 72, 22.564, 225.547.



This preview shows how white text looks on a background with the CIELCh color 72, 22.564, 225.547.

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

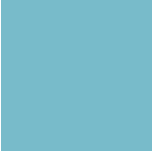
72, 22.564, 225.547

Protanopia

72, 13.098, 288.367

Deuteranopia

72, 19.759, 297.096



Tritanopia
72, 22.466, 219.410

Trichromacy



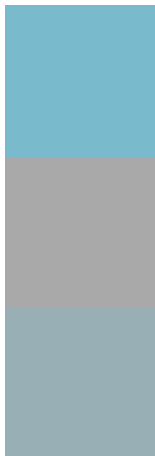
Original Color
72, 22.564, 225.547

Protanomaly
72, 14.743, 257.682

Deuteranomaly
72, 17.482, 269.068

Tritanomaly
72, 22.589, 220.803

Monochromacy



Original Color
72, 22.564, 225.547

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 8.955, 224.282

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 22.564, 225.547 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(121, 186, 205)` looks like.

```
.text, #text, p{  
    color:rgb(121, 186, 205)  
}
```

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(121, 186, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 186, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 22.564, 225.547 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(121, 186, 205) }
```

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

```
.border{ border-color:rgb(121, 186, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 186, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 186, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 186, 205);  
box-shadow:4px 4px 4px 4px rgb(121, 186,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 22.564, 225.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 186, 205) }
```

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

```
.background{ background-color: rgb(121,  
186, 205) }
```

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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