

Converting Colors

CIELCh(75, 21.971, 222.933)

Have a look what the booklet for
CIELCh(75, 21.971, 222.933)
contains.

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Color

CIELCh(75, 21.975, 222.951)

Conversions

Conversions Part 1

Format	Color
Hex	82C2D3
RGB	130, 194, 211
RGB Percent	51%, 76%, 83%
CMY	0.4885, 0.2375, 0.1708
CMYK	0.38, 0.08, 0.00, 0.17
HSL	193°, 48%, 67%
HSV	193°, 38%, 83%
XYZ	40.4703, 48.2781, 69.0984
YIQ	176.8020, -43.6010, -8.2810

Conversions

Conversions Part 2

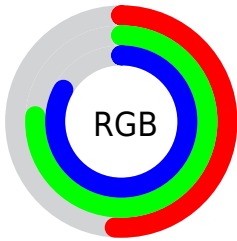
Format	Color
RYB	130, 166, 211
Decimal	8569555
CIELab	75.00, -16.08, -14.97
CIElCh	75, 21.975, 222.951
Yxy	48.2781, 0.2564, 0.3059
Android (android.graphics.Color)	4286759635 (0xFF82C2D3)
YUV	176.8020, 16.8596, -41.0454
Hunter-Lab	69.4824, -17.6264, -10.3246

Details

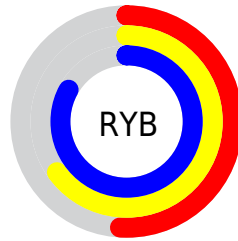
The CIELCh color **75, 21.975, 222.951** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 28.877, 40.335**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 21.002, 203.794**, and **55, 21.782, 222.934** is the 20% darker color. If you saturate the color by 10%, you get **73, 26.462, 224.149**, and if you desaturate by 10%, it is **77, 16.882, 222.056**.

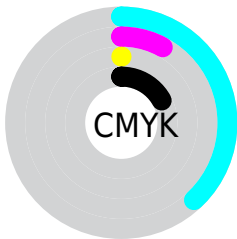
Distribution



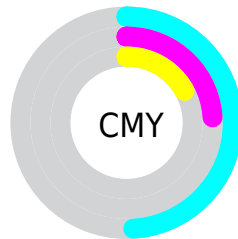
- Red (51%)
- Green (76%)
- Blue (83%)



- Red (51%)
- Yellow (65%)
- Blue (83%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)





- Cyan (49%)
- Magenta (24%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 21.975, 222.951 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 75, 21.975, 222.951 by changing the saturation by 10% instead.


 75, 21.975,
222.951


 75, 21.975,
222.951


 100, 21.975,
222.951


 65, 21.975,
222.951


 95, 21.975,
222.951

 55, 21.975,
222.951

 45, 21.975,
222.951

 35, 21.975,
222.951

 25, 21.975,
222.951

 15, 21.975,
222.951

 5, 21.975, 222.951

0, 21.975, 222.951

75, 21.975,
222.951

75, 21.975,
222.951

73, 26.462,
224.149

77, 16.882,
222.056

71, 30.261,
225.733

80, 11.279,
221.416

69, 33.311,
227.783

82, 5.260, 221.008

67, 35.602,
230.386

85, 1.088, 40.068

65, 37.188,
233.616

88, 7.689, 40.312

64, 38.235,
237.464

91, 13.655, 41.448

92, 13.228, 53.088

■ 64, 38.403,
238.131

■ 93, 13.377, 64.949

■ 94, 14.079, 76.048

Harmonies

Complementary

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



75, 21.975, 222.951



67, 28.877, 40.335

Rectangle

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



75, 21.975, 222.951



75, 21.975, 272.951



75, 21.975, 42.951



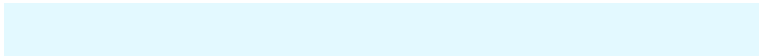
75, 21.975, 92.951

Sweetspot

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



75, 21.975, 222.948



97, 8.045, 221.096



78, 45.456, 147.410



51, 5.386, 221.147



0, 0.000, 0.000



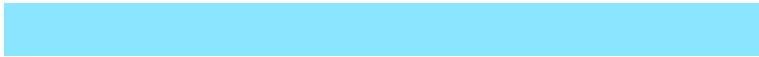
53, 0.007, 296.813

Same Dimension

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



75, 21.975, 222.948



87, 29.596, 223.905



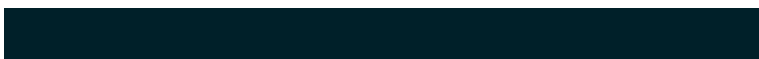
64, 32.185, 279.923



43, 3.548, 221.039



51, 32.336, 237.410



11, 12.198, 228.585

Inverse Universe

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



65, 45.295, 333.408



73, 62.597, 334.000



77, 31.904, 88.798



41, 6.649, 331.436



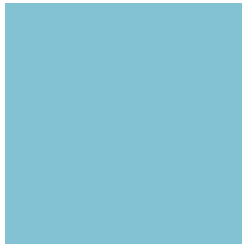
38, 72.043, 338.677



5, 26.453, 336.133

Previews

White Background



This preview shows how the CIELCh color 75, 21.975, 222.951 looks on a white background.

Color Contrast Check

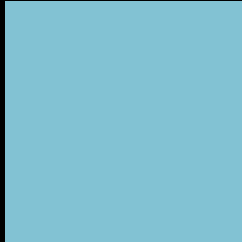
Large Text (above 18pt) WCAG AA × Fail

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 75, 21.975, 222.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

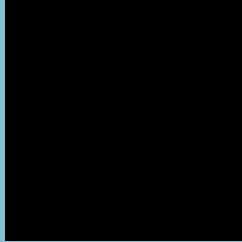
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 21.975, 222.951

Background



This preview shows how black text looks on a background with the CIELCh color 75, 21.975, 222.951.

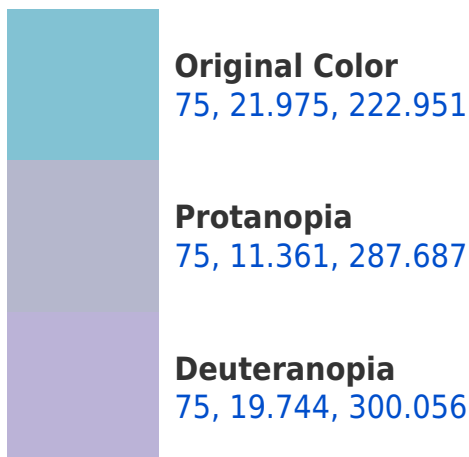


This preview shows how white text looks on a background with the CIELCh color 75, 21.975, 222.951.

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
75, 21.946, 219.828

Trichromacy



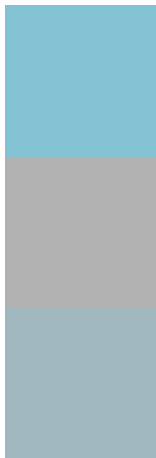
Original Color
75, 21.975, 222.951

Protanomaly
75, 13.360, 253.299

Deuteranomaly
75, 16.748, 269.145

Tritanomaly
75, 22.076, 221.234

Monochromacy



Original Color
75, 21.975, 222.951

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 8.900, 224.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 21.975, 222.951 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(130, 194, 211)` looks like.

```
.text, #text, p{  
    color:rgb(130, 194, 211)  
}
```

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(130, 194, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 194, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 21.975, 222.951 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(130, 194, 211) }
```

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

```
.border{ border-color:rgb(130, 194, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 194, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 194, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 194, 211);  
box-shadow:4px 4px 4px 4px rgb(130, 194,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 21.975, 222.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 194, 211) }
```

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

```
.background{ background-color: rgb(130,  
194, 211) }
```

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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