

Converting Colors

CIELCh(75, 9.808, 224.319)

Have a look what the booklet for
CIELCh(75, 9.808, 224.319) contains.

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Color

CIELCh(75, 9.971, 224.588)

Conversions

Conversions Part 1

Format	Color
Hex	A3BDC5
RGB	163, 189, 197
RGB Percent	64%, 74%, 77%
CMY	0.3603, 0.2584, 0.2270
CMYK	0.17, 0.04, 0.00, 0.23
HSL	194°, 23%, 71%
HSV	194°, 17%, 77%
XYZ	43.4395, 48.2781, 59.9207
YIQ	182.1380, -18.0640, -3.0240

Conversions

Conversions Part 2

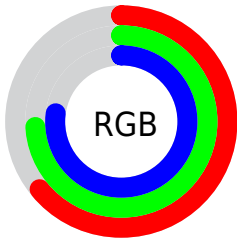
Format	Color
RYB	163, 178, 197
Decimal	10730949
CIELab	75.00, -7.10, -7.00
CIELCh	75, 9.971, 224.588
Yxy	48.2781, 0.2865, 0.3184
Android (android.graphics.Color)	4288921029 (0xFFA3BDC5)
YUV	182.1380, 7.3270, -16.7840
Hunter-Lab	69.4824, -9.9983, -2.4932

Details

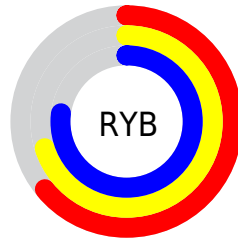
The CIELCh color $75, 9.971, 224.588$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $72, 11.106, 43.033$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 10.097, 226.289$, and $55, 9.881, 222.750$ is the 20% darker color. If you saturate the color by 10%, you get $72, 15.281, 225.339$, and if you desaturate by 10%, it is $78, 4.299, 224.071$.

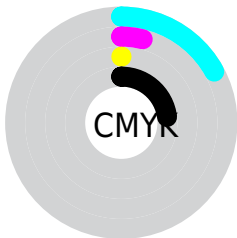
Distribution



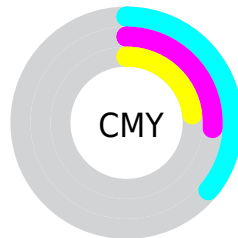
- Red (64%)
- Green (74%)
- Blue (77%)



- Red (64%)
- Yellow (70%)
- Blue (77%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)



- Cyan (36%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 9.971, 224.588 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, 9.971, 224.588 by changing the saturation by 10% instead.

■ 75, 9.971, 224.588

■ 75, 9.971, 224.588

■ 100, 9.971,
224.588

■ 65, 9.971, 224.588

■ 95, 9.971, 224.588

■ 55, 9.971, 224.588

■ 45, 9.971, 224.588

■ 35, 9.971, 224.588

■ 25, 9.971, 224.588

■ 15, 9.971, 224.588

■ 5, 9.971, 224.588

■ 0, 9.971, 224.588

■ 75, 9.971, 224.588

■ 75, 9.971, 224.588

72, 15.281,
225.339

78, 4.299, 224.071

70, 20.146,
226.368

80, 1.660, 43.213

68, 24.481,
227.724

83, 7.838, 43.169

66, 28.212,
229.485

86, 14.180, 43.000

64, 31.287,
231.738

88, 18.233, 45.892

62, 33.696,
234.572

89, 17.917, 54.966

60, 35.489,
238.062

90, 18.069, 64.107

59, 36.809,
242.204

92, 18.673, 72.849

58, 37.160,

Harmonies

Complementary

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



75, 9.971, 224.588



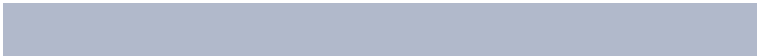
72, 11.106, 43.033

Rectangle

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



75, 9.971, 224.588



75, 9.971, 274.588



75, 9.971, 44.588



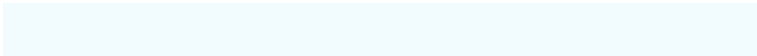
75, 9.971, 94.588

Sweetspot

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



75, 9.971, 224.578



98, 3.672, 224.020



77, 18.944, 150.526



52, 2.501, 224.032



0, 0.000, 0.000



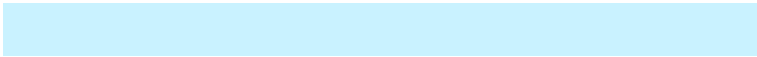
53, 0.007, 296.813

Same Dimension

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



75, 9.971, 224.578



93, 14.786, 224.859



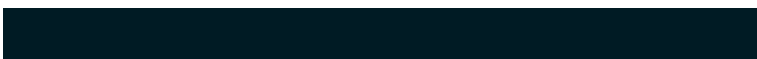
70, 13.925, 278.398



41, 3.370, 224.153



49, 32.206, 242.692



8, 11.125, 232.757

Inverse Universe

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



71, 19.009, 332.893



87, 28.559, 333.173



76, 13.802, 94.010



39, 6.266, 332.359



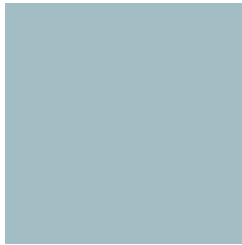
37, 69.180, 340.238



4, 21.757, 336.841

Previews

White Background



This preview shows how the CIELCh color 75, 9.971, 224.588 looks on a white background.

Color Contrast Check

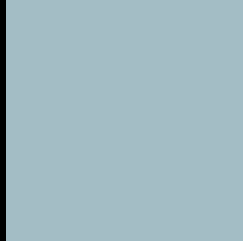
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 9.971, 224.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

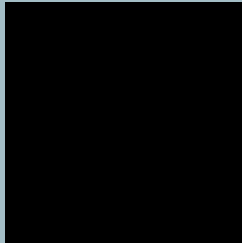
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

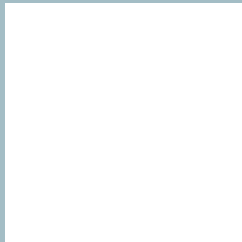
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 9.971, 224.588

Background



This preview shows how black text looks on a background with the CIELCh color 75, 9.971, 224.588.

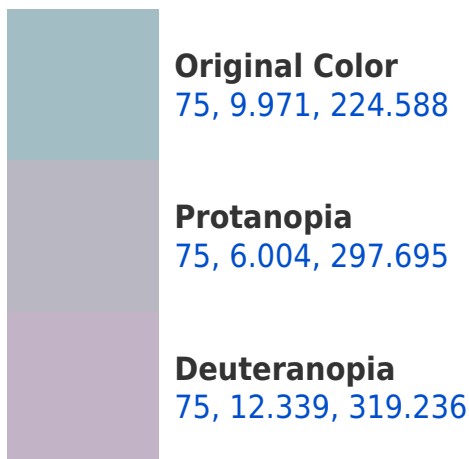


This preview shows how white text looks on a background with the CIELCh color 75, 9.971, 224.588.

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](#).

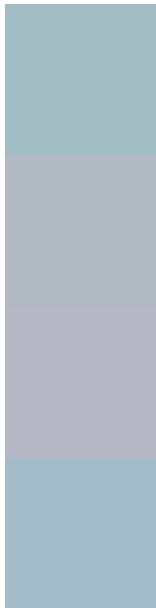
Dichromacy





Tritanopia
75, 11.422, 244.327

Trichromacy



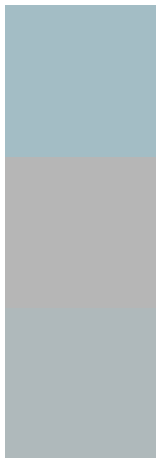
Original Color
75, 9.971, 224.588

Protanomaly
75, 6.067, 262.460

Deuteranomaly
75, 8.111, 290.949

Tritanomaly
75, 10.743, 239.913

Monochromacy



Original Color
75, 9.971, 224.588

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.783, 215.891

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 9.971, 224.588 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(163, 189, 197)` looks like.

```
.text, #text, p{  
    color:rgb(163, 189, 197)  
}
```

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(163, 189, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 189, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 9.971, 224.588 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(163, 189, 197) }
```

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

```
.border{ border-color:rgb(163, 189, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 189, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 189, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 189, 197);  
box-shadow:4px 4px 4px 4px rgb(163, 189,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 9.971, 224.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 189, 197) }
```

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

```
.background{ background-color: rgb(163,  
189, 197) }
```

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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