

Converting Colors

CIELCh(75, 16.589, 225.700)

Have a look what the booklet for
CIELCh(75, 16.589, 225.700)
contains.

CIELCh(75, 16.556, 225.752)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 16.556, 225.752)

Conversions

Conversions Part 1

Format	Color
Hex	93C0CE
RGB	147, 192, 206
RGB Percent	58%, 75%, 81%
CMY	0.4241, 0.2476, 0.1927
CMYK	0.29, 0.07, 0.00, 0.19
HSL	194°, 38%, 69%
HSV	194°, 29%, 81%
XYZ	41.9508, 48.2781, 65.4106
YIQ	180.1410, -31.3140, -5.1860

Conversions

Conversions Part 2

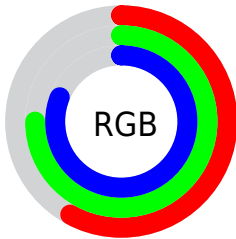
Format	Color
RYB	147, 173, 206
Decimal	9683150
CIELab	75.00, -11.55, -11.86
CIElCh	75, 16.556, 225.752
Yxy	48.2781, 0.2695, 0.3102
Android (android.graphics.Color)	4287873230 (0xFF93C0CE)
YUV	180.1410, 12.7485, -29.0647
Hunter-Lab	69.4824, -13.8230, -7.1777

Details

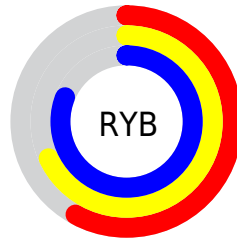
The CIELCh color **75, 16.556, 225.752** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 20.012, 43.053**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 15.484, 212.027**, and **55, 16.729, 224.827** is the 20% darker color. If you saturate the color by 10%, you get **73, 21.519, 226.838**, and if you desaturate by 10%, it is **78, 11.119, 224.935**.

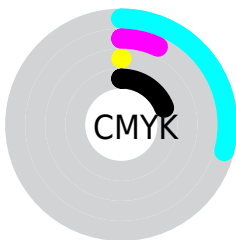
Distribution



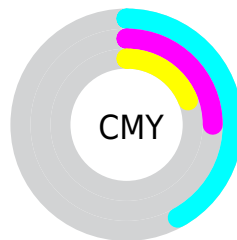
- Red (58%)
- Green (75%)
- Blue (81%)



- Red (58%)
- Yellow (68%)
- Blue (81%)



- Cyan (29%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)





- Cyan (42%)
- Magenta (25%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 16.556, 225.752 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, 16.556, 225.752 by changing the saturation by 10% instead.


 75, 16.556,
225.752


 75, 16.556,
225.752


 100, 16.556,
225.752


 65, 16.556,
225.752


 95, 16.556,
225.752

 55, 16.556,
225.752

 45, 16.556,
225.752

 35, 16.556,
225.752

 25, 16.556,
225.752

 15, 16.556,
225.752

 5, 16.556, 225.752

■ 0, 16.556, 225.752

■ 75, 16.556,
225.752

■ 75, 16.556,
225.752

■ 73, 21.519,
226.838

■ 78, 11.119,
224.935

■ 70, 25.922,
228.271

■ 80, 5.295, 224.373

■ 68, 29.690,
230.126

■ 83, 0.835, 43.171

■ 86, 7.202, 43.427

■ 66, 32.775,
232.494

■ 89, 13.745, 43.244

■ 64, 35.177,
235.464

■ 91, 15.067, 51.634

■ 92, 15.131, 63.145

■ 62, 36.960,
239.103

■ 93, 15.794, 74.084

■ 61, 38.306,
243.363

■ 94, 16.982, 83.776

■ 60, 38.487,
243.942

Harmonies

Complementary

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



75, 16.556, 225.752



70, 20.012, 43.053

Rectangle

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



75, 16.556, 225.752



75, 16.556, 275.752



75, 16.556, 45.752



75, 16.556, 95.752

Sweetspot

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



75, 16.556, 225.747



97, 6.542, 224.393



78, 32.611, 149.529



51, 4.530, 224.460



0, 0.000, 0.000



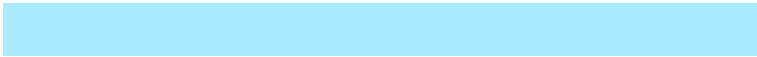
53, 0.007, 296.813

Same Dimension

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



75, 16.556, 225.747



89, 22.892, 226.338



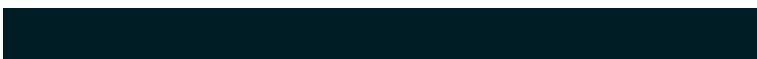
67, 24.289, 280.290



42, 3.438, 224.405



49, 32.645, 243.175



9, 11.765, 232.800

Inverse Universe

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



68, 32.719, 333.773



79, 46.076, 334.193



77, 23.921, 92.570



40, 6.389, 332.436



37, 69.861, 340.387



5, 23.913, 337.255

Previews

White Background



This preview shows how the CIELCh color 75, 16.556, 225.752 looks on a white background.

Color Contrast Check

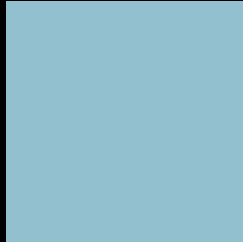
Large Text (above 18pt) WCAG AA × Fail

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, 16.556, 225.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

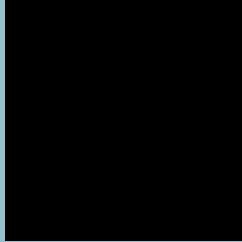
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 16.556, 225.752

Background



This preview shows how black text looks on a background with the CIELCh color 75, 16.556, 225.752.

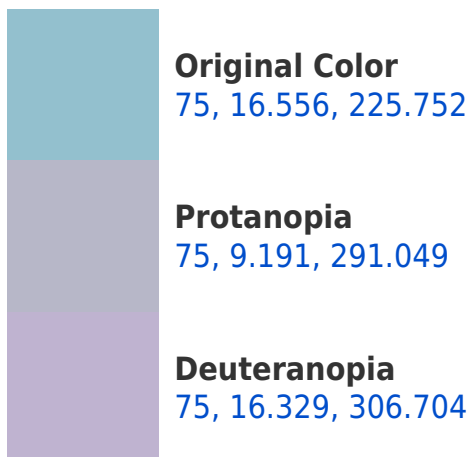


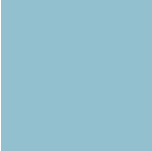
This preview shows how white text looks on a background with the CIELCh color 75, 16.556, 225.752.

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, 16.755, 227.516

Trichromacy



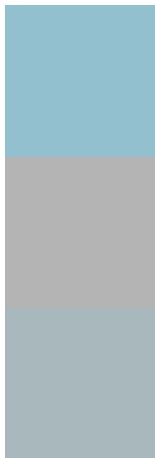
Original Color
75, 16.556, 225.752

Protanomaly
75, 10.171, 257.625

Deuteranomaly
75, 12.744, 277.133

Tritanomaly
75, 16.755, 227.516

Monochromacy



Original Color
75, 16.556, 225.752

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 6.301, 224.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 16.556, 225.752 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(147, 192, 206)` looks like.

```
.text, #text, p{  
    color:rgb(147, 192, 206)  
}
```

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(147, 192, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 192, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 16.556, 225.752 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(147, 192, 206) }
```

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

```
.border{ border-color:rgb(147, 192, 206) }
```

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

Here you see how a box with a 4 pixel rgb(147, 192, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 192, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 192, 206);  
box-shadow:4px 4px 4px 4px rgb(147, 192,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 16.556, 225.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 192, 206) }
```

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

```
.background{ background-color: rgb(147,  
192, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor