

Converting Colors

CIELCh(75, 12.482, 194.851)

Have a look what the booklet for
CIELCh(75, 12.482, 194.851)
contains.

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Color

CIELCh(75, 12.359, 195.962)

Conversions

Conversions Part 1

Format	Color
Hex	9CBFBE
RGB	156, 191, 190
RGB Percent	61%, 75%, 75%
CMY	0.3867, 0.2494, 0.2533
CMYK	0.18, 0.00, 0.01, 0.25
HSL	178°, 22%, 68%
HSV	178°, 18%, 75%
XYZ	41.8417, 48.2781, 56.0573
YIQ	180.4210, -20.5390, -7.7310

Conversions

Conversions Part 2

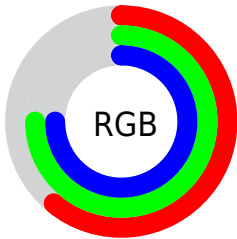
Format	Color
RYB	156, 174, 191
Decimal	10272702
CIELab	75.00, -11.88, -3.40
CIELCh	75, 12.359, 195.962
Yxy	48.2781, 0.2862, 0.3303
Android (android.graphics.Color)	4288462782 (0xFF9CBFBE)
YUV	180.4210, 4.7224, -21.4172
Hunter-Lab	69.4824, -14.1033, 0.8035

Details

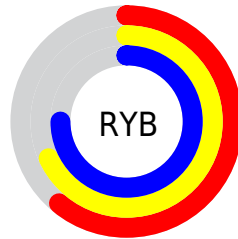
The CIELCh color **75, 12.359, 195.962** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 13.826, 18.400**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 12.230, 196.247**, and **55, 12.528, 195.550** is the 20% darker color. If you saturate the color by 10%, you get **74, 18.512, 195.372**, and if you desaturate by 10%, it is **76, 5.750, 196.601**.

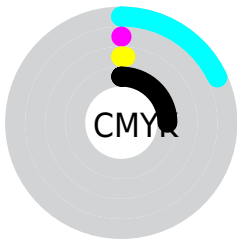
Distribution



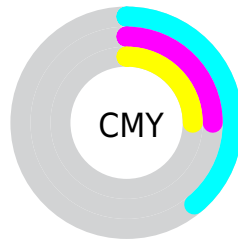
- Red (61%)
- Green (75%)
- Blue (75%)



- Red (61%)
- Yellow (68%)
- Blue (75%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)





- Cyan (39%)
- Magenta (25%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 12.359, 195.962 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, 12.359, 195.962 by changing the saturation by 10% instead.


 75, 12.359,
195.962


 75, 12.359,
195.962


 100, 12.359,
195.962


 65, 12.359,
195.962


 95, 12.359,
195.962

 55, 12.359,
195.962

 45, 12.359,
195.962

 35, 12.359,
195.962

 25, 12.359,
195.962

 15, 12.359,
195.962

 5, 12.359, 195.962

0, 12.359, 195.962

75, 12.359,
195.962

75, 12.359,
195.962

74, 18.512,
195.372

76, 5.750, 196.601

73, 24.091,
194.826

78, 1.210, 16.689

79, 8.422, 17.700

72, 28.988,
194.315

81, 15.800, 18.377

71, 33.107,
193.838

83, 23.276, 19.042

83, 24.402, 18.576

71, 36.381,
193.389

83, 24.389, 17.906

71, 38.784,
192.963

83, 24.380, 17.235

■ 70, 40.342,
192.550

■ 83, 24.373, 16.564

■ 70, 41.186,
192.141

■ 70, 41.306,
192.071

Harmonies

Complementary

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



75, 12.359, 195.962



68, 13.826, 18.400

Rectangle

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



75, 12.359, 195.962



75, 12.359, 245.962



75, 12.359, 15.962



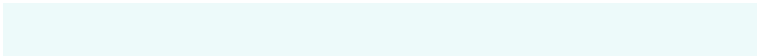
75, 12.359, 65.962

Sweetspot

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



75, 12.360, 195.956



97, 4.335, 196.855



74, 22.895, 142.463



52, 2.953, 196.793



99, 0.012, 296.813



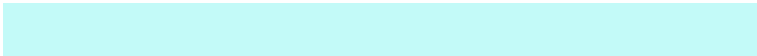
52, 0.007, 296.813

Same Dimension

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



75, 12.360, 195.956



95, 18.234, 195.713



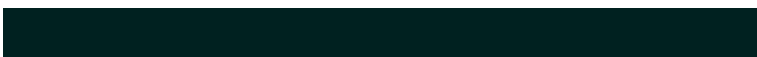
71, 10.921, 254.230



40, 3.961, 196.525



60, 36.269, 192.126



11, 12.641, 193.130

Inverse Universe

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



68, 13.826, 18.400



84, 20.959, 18.812



72, 11.566, 69.558



38, 4.187, 17.599



33, 72.598, 38.563



3, 14.010, 17.838

Previews

White Background



This preview shows how the CIE LCh color 75, 12.359, 195.962 looks on a white background.

Color Contrast Check

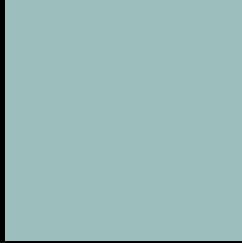
Large Text (above 18pt) WCAG AA × Fail

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, 12.359, 195.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

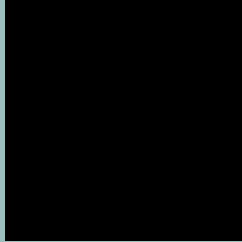
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

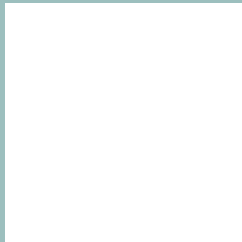
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 12.359, 195.962

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.359, 195.962.

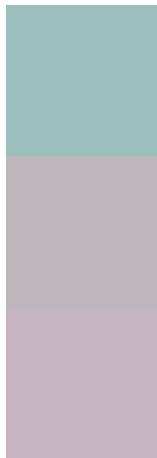


This preview shows how white text looks on a background with the CIELCh color 75, 12.359, 195.962.

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

75, 12.359, 195.962

Protanopia

75, 2.216, 332.337

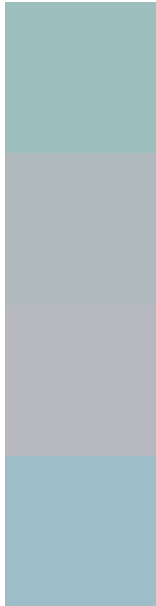
Deuteranopia

75, 10.357, 333.435



Tritanopia
75, 12.871, 238.000

Trichromacy



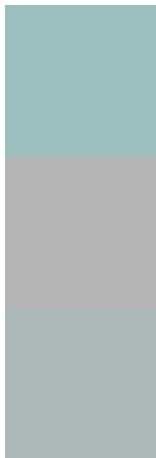
Original Color
75, 12.359, 195.962

Protanomaly
75, 3.780, 215.891

Deuteranomaly
75, 4.335, 285.785

Tritanomaly
75, 11.952, 222.770

Monochromacy



Original Color
75, 12.359, 195.962

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.792, 192.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 12.359, 195.962 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(156, 191, 190)` looks like.

```
.text, #text, p{  
    color:rgb(156, 191, 190)  
}
```

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(156, 191, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 191, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.359, 195.962 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(156, 191, 190) }
```

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

```
.border{ border-color:rgb(156, 191, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 191, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 191, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 191, 190);  
box-shadow:4px 4px 4px 4px rgb(156, 191,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.359, 195.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 191, 190) }
```

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

```
.background{ background-color: rgb(156,  
191, 190) }
```

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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