

Converting Colors

CIELCh(75, 20.484, 199.094)

Have a look what the booklet for
CIELCh(75, 20.484, 199.094)
contains.

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Color

CIELCh(75, 20.344, 199.422)

Conversions

Conversions Part 1

Format	Color
Hex	86C3C4
RGB	134, 195, 196
RGB Percent	53%, 76%, 77%
CMY	0.4732, 0.2340, 0.2300
CMYK	0.32, 0.01, 0.00, 0.23
HSL	181°, 35%, 65%
HSV	181°, 32%, 77%
XYZ	39.4773, 48.2781, 59.6635
YIQ	176.8750, -36.6770, -12.6210

Conversions

Conversions Part 2

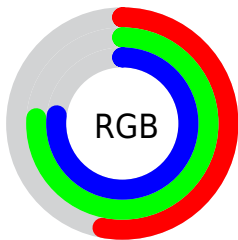
Format	Color
RYB	134, 165, 196
Decimal	8831940
CIELab	75.00, -19.19, -6.76
CIElCh	75, 20.344, 199.422
Yxy	48.2781, 0.2678, 0.3275
Android (android.graphics.Color)	4287022020 (0xFF86C3C4)
YUV	176.8750, 9.4286, -37.6014
Hunter-Lab	69.4824, -20.1774, -2.2737

Details

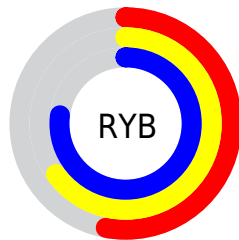
The CIELCh color **75, 20.344, 199.422** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 25.301, 23.254**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 20.485, 199.597**, and **55, 20.293, 199.125** is the 20% darker color. If you saturate the color by 10%, you get **74, 25.631, 199.100**, and if you desaturate by 10%, it is **76, 14.421, 199.808**.

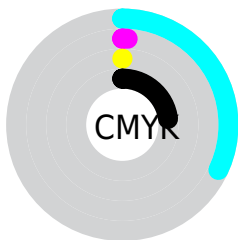
Distribution



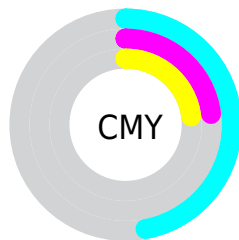
- Red (53%)
- Green (76%)
- Blue (77%)



- Red (53%)
- Yellow (65%)
- Blue (77%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)





- Cyan (47%)
- Magenta (23%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 20.344, 199.422 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, 20.344, 199.422 by changing the saturation by 10% instead.

 75, 20.344,
199.422


 75, 20.344,
199.422


 100, 20.344,
199.422


 65, 20.344,
199.422


 95, 20.344,
199.422

 55, 20.344,
199.422

 45, 20.344,
199.422

 35, 20.344,
199.422

 25, 20.344,
199.422

 15, 20.344,
199.422

 5, 20.344, 199.422

0, 20.344, 199.422

75, 20.344,
199.422

75, 20.344,
199.422

74, 25.631,
199.100

76, 14.421,
199.808

73, 30.174,
198.859

78, 7.974, 200.274

72, 33.889,
198.702

79, 1.114, 201.177

81, 6.055, 21.116

72, 36.723,
198.635

82, 13.444, 21.712

71, 38.670,
198.659

84, 20.977, 22.293

85, 21.989, 22.736

71, 39.779,
198.775

85, 21.878, 23.158

■ 71, 40.234,
198.927

■ 85, 21.768, 23.585

Harmonies

Complementary

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



75, 20.344, 199.422



62, 25.301, 23.254

Rectangle

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



75, 20.344, 199.422



75, 20.344, 249.422



75, 20.344, 19.422



75, 20.344, 69.422

Sweetspot

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



75, 20.344, 199.418



98, 7.711, 200.405



74, 40.766, 142.219



52, 5.338, 200.324



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, 20.344, 199.418



94, 29.370, 199.188



67, 19.619, 260.419



40, 3.885, 200.393



59, 34.685, 198.889



10, 12.219, 198.312

Inverse Universe

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



64, 40.316, 326.585



78, 59.630, 326.948



70, 21.409, 71.511



38, 7.147, 325.362



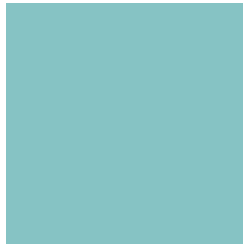
38, 80.795, 328.873



4, 23.860, 326.881

Previews

White Background



This preview shows how the CIELCh color 75, 20.344, 199.422 looks on a white background.

Color Contrast Check

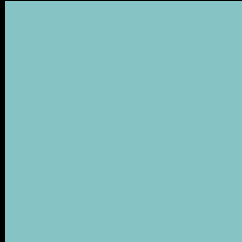
Large Text (above 18pt) WCAG AA × Fail

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, 20.344, 199.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

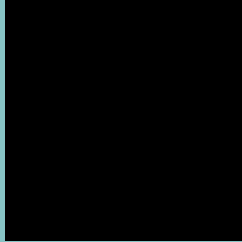
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

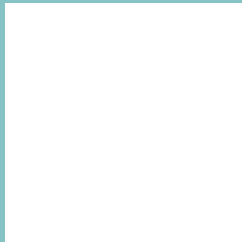
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 20.344, 199.422

Background



This preview shows how black text looks on a background with the CIELCh color 75, 20.344, 199.422.

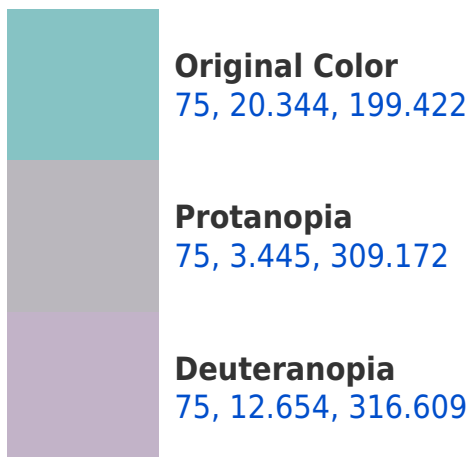


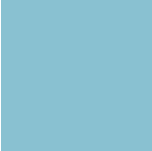
This preview shows how white text looks on a background with the CIELCh color 75, 20.344, 199.422.

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](#).

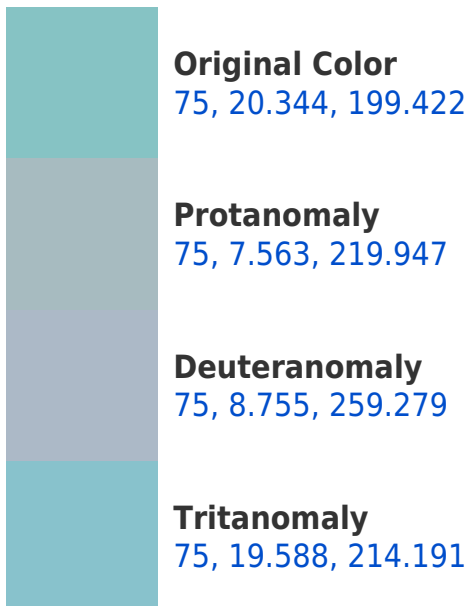
Dichromacy





Tritanopia
75, 19.808, 224.261

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 20.344, 199.422 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(134, 195, 196)` looks like.

```
.text, #text, p{  
    color:rgb(134, 195, 196)  
}
```

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(134, 195, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 195, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 20.344, 199.422 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(134, 195, 196) }
```

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

```
.border{ border-color:rgb(134, 195, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 195, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 195, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 195, 196);  
box-shadow:4px 4px 4px 4px rgb(134, 195,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 20.344, 199.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 195, 196) }
```

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

```
.background{ background-color: rgb(134,  
195, 196) }
```

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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