

Converting Colors

CIELCh(75, 23.116, 154.470)

Have a look what the booklet for
CIELCh(75, 23.116, 154.470)
contains.

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Color

CIELCh(75, 22.928, 154.789)

Conversions

Conversions Part 1

Format	Color
Hex	96C3A6
RGB	150, 195, 166
RGB Percent	59%, 76%, 65%
CMY	0.4117, 0.2352, 0.3489
CMYK	0.23, 0.00, 0.15, 0.24
HSL	141°, 27%, 68%
HSV	141°, 23%, 76%
XYZ	38.9848, 48.2781, 43.3487
YIQ	178.2390, -17.5110, -18.5590

Conversions

Conversions Part 2

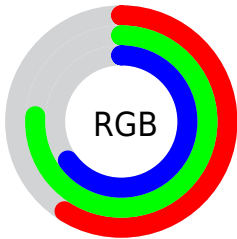
Format	Color
RYB	150, 183, 195
Decimal	9880486
CIELab	75.00, -20.74, 9.77
CIELCh	75, 22.928, 154.789
Yxy	48.2781, 0.2985, 0.3696
Android (android.graphics.Color)	4288070566 (0xFF96C3A6)
YUV	178.2390, -6.0338, -24.7656
Hunter-Lab	69.4824, -21.4425, 11.6478

Details

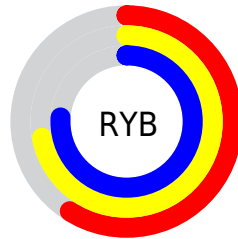
The CIELCh color **75, 22.928, 154.789** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **67, 23.229, 338.346**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.086, 154.528**, and **55, 22.918, 154.846** is the 20% darker color. If you saturate the color by 10%, you get **74, 32.748, 153.794**, and if you desaturate by 10%, it is **77, 12.982, 155.667**.

Distribution



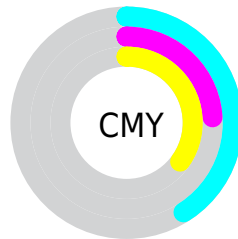
- Red (59%)
- Green (76%)
- Blue (65%)



- Red (59%)
- Yellow (72%)
- Blue (76%)



- Cyan (23%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)





- Cyan (41%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 22.928, 154.789 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, 22.928, 154.789 by changing the saturation by 10% instead.


 75, 22.928,
154.789


 75, 22.928,
154.789


 100, 22.928,
154.789


 65, 22.928,
154.789


 95, 22.928,
154.789

 55, 22.928,
154.789

 45, 22.928,
154.789

 35, 22.928,
154.789

 25, 22.928,
154.789

 15, 22.928,
154.789

 5, 22.928, 154.789

0, 22.928, 154.789

75, 22.928,
154.789

75, 22.928,
154.789

74, 32.748,
153.794

77, 12.982,
155.667

72, 42.281,
152.657

78, 3.035, 156.519

71, 51.353,
151.354

80, 6.807, 337.030

82, 16.470,
337.665

71, 59.783,
149.866

84, 25.900,
338.218

70, 67.410,
148.183

85, 32.202,
333.008

70, 74.110,
146.312

86, 37.198,

■ 69, 79.822,
144.287

326.187

■ 69, 83.283,
142.893

■ 86, 37.617,
325.731

Harmonies

Complementary

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



75, 22.928, 154.789



67, 23.229, 338.346

Rectangle

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



75, 22.928, 154.789



75, 22.928, 204.789



75, 22.928, 334.789



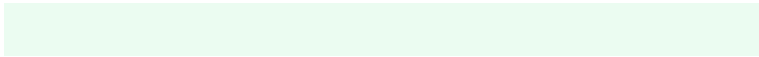
75, 22.928, 24.789

Sweetspot

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



75, 22.930, 154.788



98, 8.547, 156.157



77, 24.724, 122.436



52, 5.601, 156.106



0, 0.000, 0.000



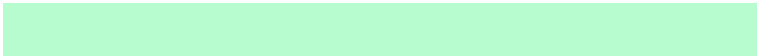
53, 0.007, 296.813

Same Dimension

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



75, 22.930, 154.788



94, 34.263, 154.272



76, 16.277, 185.193



40, 5.591, 155.972



58, 71.605, 143.220



10, 20.311, 151.550

Inverse Universe

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



67, 23.229, 338.346



82, 34.790, 338.799



66, 18.136, 9.441



38, 5.628, 337.256



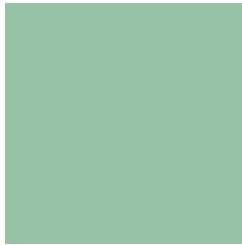
35, 63.362, 348.879



3, 17.440, 343.559

Previews

White Background



This preview shows how the CIELCh color 75, 22.928, 154.789 looks on a white background.

Color Contrast Check

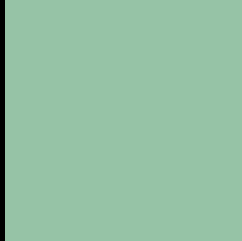
Large Text (above 18pt) WCAG AA × Fail

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, 22.928, 154.789 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

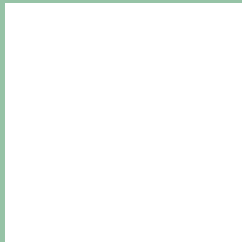
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 22.928, 154.789

Background



This preview shows how black text looks on a background with the CIELCh color 75, 22.928, 154.789.

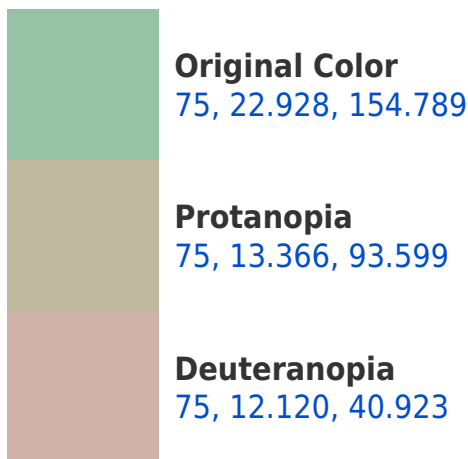


This preview shows how white text looks on a background with the CIELCh color 75, 22.928, 154.789.

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, 13.624, 235.380

Trichromacy



Original Color
75, 22.928, 154.789

Protanomaly
75, 14.613, 125.683

Deuteranomaly
75, 8.101, 103.965

Tritanomaly
75, 13.341, 196.073

Monochromacy



Original Color
75, 22.928, 154.789

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 8.102, 156.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 22.928, 154.789 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(150, 195, 166)` looks like.

```
.text, #text, p{  
    color:rgb(150, 195, 166)  
}
```

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(150, 195, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 195, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 22.928, 154.789 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(150, 195, 166) }
```

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

```
.border{ border-color:rgb(150, 195, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 195, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 195, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 195, 166);  
box-shadow:4px 4px 4px 4px rgb(150, 195,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 22.928, 154.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 195, 166) }
```

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

```
.background{ background-color: rgb(150,  
195, 166) }
```

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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