

Converting Colors

CIELCh(75, 13.663, 155.010)

Have a look what the booklet for
CIELCh(75, 13.663, 155.010)
contains.

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Color

CIELCh(75, 13.383, 155.224)

Conversions

Conversions Part 1

Format	Color
Hex	A5BFAE
RGB	165, 191, 174
RGB Percent	65%, 75%, 68%
CMY	0.3532, 0.2512, 0.3179
CMYK	0.14, 0.00, 0.09, 0.25
HSL	141°, 17%, 70%
HSV	141°, 14%, 75%
XYZ	41.7531, 48.2781, 47.1286
YIQ	181.2880, -10.0390, -10.7990

Conversions

Conversions Part 2

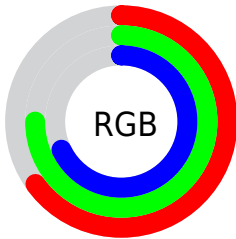
Format	Color
RYB	165, 184, 191
Decimal	10862510
CIELab	75.00, -12.15, 5.61
CIELCh	75, 13.383, 155.224
Yxy	48.2781, 0.3044, 0.3520
Android (android.graphics.Color)	4289052590 (0xFFA5BFAE)
YUV	181.2880, -3.5930, -14.2846
Hunter-Lab	69.4824, -14.3309, 8.4225

Details

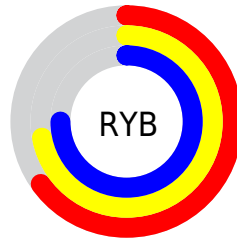
The CIELCh color **75, 13.383, 155.224** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 13.493, 337.167**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 13.357, 154.890**, and **55, 13.530, 155.471** is the 20% darker color. If you saturate the color by 10%, you get **73, 23.232, 154.345**, and if you desaturate by 10%, it is **77, 3.536, 156.055**.

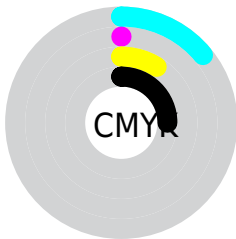
Distribution



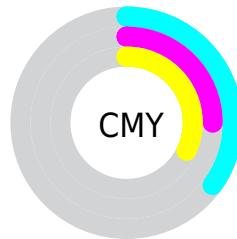
- Red (65%)
- Green (75%)
- Blue (68%)



- Red (65%)
- Yellow (72%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 13.383, 155.224 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, 13.383, 155.224 by changing the saturation by 10% instead.


 75, 13.383,
155.224


 75, 13.383,
155.224


 100, 13.383,
155.224


 65, 13.383,
155.224


 95, 13.383,
155.224

 55, 13.383,
155.224

 45, 13.383,
155.224

 35, 13.383,
155.224

 25, 13.383,
155.224

 15, 13.383,
155.224

 5, 13.383, 155.224

■ 0, 13.383, 155.224

■ 75, 13.383,
155.224

■ 75, 13.383,
155.224

■ 73, 23.232,
154.345

■ 77, 3.536, 156.055

■ 72, 32.948,
153.351

■ 79, 6.212, 336.578

■ 71, 42.376,
152.213

■ 80, 15.783,
337.213

■ 70, 51.341,
150.908

■ 83, 25.125,
337.762

■ 69, 59.664,
149.419

■ 84, 32.886,
335.709

■ 69, 67.185,
147.737

■ 85, 37.638,
328.620

■ 85, 40.171,

■ 68, 73.779,
145.870

325.818

■ 68, 79.385,
143.859

■ 68, 82.530,
142.596

Harmonies

Complementary

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



75, 13.383, 155.224



70, 13.493, 337.167

Rectangle

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



75, 13.383, 155.224



75, 13.383, 205.224



75, 13.383, 335.224



75, 13.383, 25.224

Sweetspot

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



75, 13.385, 155.222



96, 4.826, 156.013



76, 14.324, 122.318



52, 3.460, 155.944



99, 0.012, 296.813



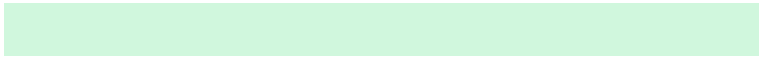
52, 0.007, 296.813

Same Dimension

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



75, 13.385, 155.222



94, 19.417, 155.001



75, 9.696, 184.705



39, 5.508, 155.571



57, 71.252, 142.917



9, 18.245, 151.918

Inverse Universe

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



70, 13.493, 337.167



87, 19.597, 337.372



70, 10.285, 7.056



37, 5.543, 336.839



35, 62.962, 348.102



3, 15.481, 342.486

Previews

White Background



This preview shows how the CIELCh color 75, 13.383, 155.224 looks on a white background.

Color Contrast Check

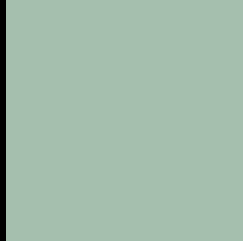
Large Text (above 18pt) WCAG AA × Fail

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, 13.383, 155.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

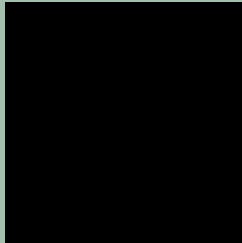
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 13.383, 155.224

Background



This preview shows how black text looks on a background with the CIELCh color 75, 13.383, 155.224.



This preview shows how white text looks on a background with the CIELCh color 75, 13.383, 155.224.

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, 13.383, 155.224

Protanopia
75, 7.982, 89.740

Deuteranopia
75, 10.375, 23.181



Tritanopia
75, 9.917, 254.106

Trichromacy



Original Color
75, 13.383, 155.224

Protanomaly
75, 8.818, 121.805

Deuteranomaly
75, 4.593, 74.456

Tritanomaly
75, 7.411, 215.936

Monochromacy



Original Color
75, 13.383, 155.224

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 5.335, 153.980

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 13.383, 155.224 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(165, 191, 174)` looks like.

```
.text, #text, p{  
    color:rgb(165, 191, 174)  
}
```

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(165, 191, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 191, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 13.383, 155.224 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(165, 191, 174) }
```

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

```
.border{ border-color:rgb(165, 191, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 191, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 191, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 191, 174);  
box-shadow:4px 4px 4px 4px rgb(165, 191,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 13.383, 155.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 191, 174) }
```

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

```
.background{ background-color: rgb(165,  
191, 174) }
```

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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