

Converting Colors

CIELCh(75, 10.678, 151.093)

Have a look what the booklet for
CIELCh(75, 10.678, 151.093)
contains.

CIELCh(75, 10.406, 152.185)	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, 10.406, 152.185)

Conversions

Conversions Part 1

Format	Color
Hex	AABDAF
RGB	170, 189, 175
RGB Percent	67%, 74%, 69%
CMY	0.3317, 0.2572, 0.3121
CMYK	0.10, 0.00, 0.07, 0.26
HSL	136°, 13%, 71%
HSV	136°, 10%, 74%
XYZ	42.7320, 48.2781, 47.8356
YIQ	181.7230, -6.8300, -8.3820

Conversions

Conversions Part 2

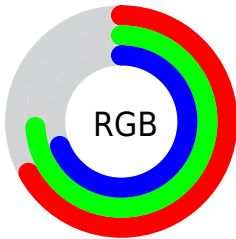
Format	Color
RYB	170, 185, 189
Decimal	11189679
CIELab	75.00, -9.20, 4.86
CIELCh	75, 10.406, 152.185
Yxy	48.2781, 0.3078, 0.3477
Android (android.graphics.Color)	4289379759 (0xFFAABDAF)
YUV	181.7230, -3.3144, -10.2811
Hunter-Lab	69.4824, -11.8161, 7.8191

Details

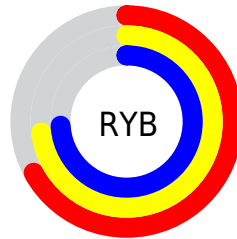
The CIELCh color $75, 10.406, 152.185$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 10.453, 333.462$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 10.143, 153.751$, and $55, 10.375, 152.524$ is the 20% darker color. If you saturate the color by 10%, you get $73, 20.849, 151.388$, and if you desaturate by 10%, it is $77, 0.031, 163.155$.

Distribution



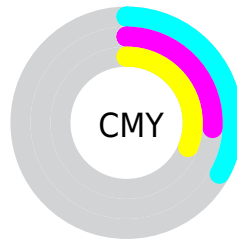
- Red (67%)
- Green (74%)
- Blue (69%)



- Red (67%)
- Yellow (73%)
- Blue (74%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)





- Cyan (33%)
- Magenta (26%)
- Yellow (31%)
- Black (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 10.406, 152.185 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, 10.406, 152.185 by changing the saturation by 10% instead.


 75, 10.406,
152.185


 75, 10.406,
152.185


 100, 10.406,
152.185


 65, 10.406,
152.185


 95, 10.406,
152.185

 55, 10.406,
152.185

 45, 10.406,
152.185

 35, 10.406,
152.185

 25, 10.406,
152.185

 15, 10.406,
152.185

 5, 10.406, 152.185

0, 10.406, 152.185

75, 10.406,
152.185

75, 10.406,
152.185

73, 20.849,
151.388

77, 0.031, 163.155

72, 31.227,
150.484

79, 10.188,
333.397

71, 41.380,
149.443

81, 20.178,
333.937

70, 51.122,
148.245

83, 29.896,
334.407

69, 60.249,
146.875

84, 37.138,
330.394

68, 68.554,
145.330

85, 41.117,
325.851

■ 68, 75.855,
143.626

■ 67, 82.007,
141.814

■ 67, 86.989,
140.050

Harmonies

Complementary

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



75, 10.406, 152.185



72, 10.453, 333.462

Rectangle

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



75, 10.406, 152.185



75, 10.406, 202.185



75, 10.406, 332.185



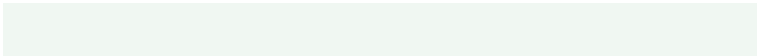
75, 10.406, 22.185

Sweetspot

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



75, 10.408, 152.184



97, 3.841, 152.738



76, 10.358, 119.296



52, 2.939, 152.663



99, 0.012, 296.813



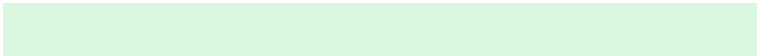
52, 0.007, 296.813

Same Dimension

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



75, 10.408, 152.184



95, 15.472, 152.019



75, 7.428, 178.669



39, 5.856, 152.235



57, 75.618, 140.322



9, 19.039, 149.863

Inverse Universe

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



72, 10.453, 333.462



90, 15.546, 333.612



71, 7.683, 0.409



37, 5.881, 333.413



35, 66.315, 342.038



3, 16.612, 337.692

Previews

White Background



This preview shows how the CIELCh color 75, 10.406, 152.185 looks on a white background.

Color Contrast Check

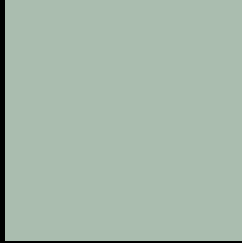
Large Text (above 18pt) WCAG AA × Fail

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, 10.406, 152.185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

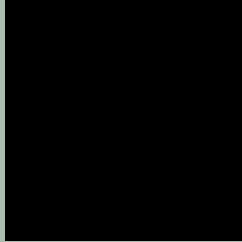
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

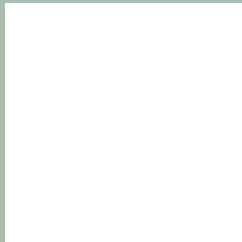
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 10.406, 152.185

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.406, 152.185.

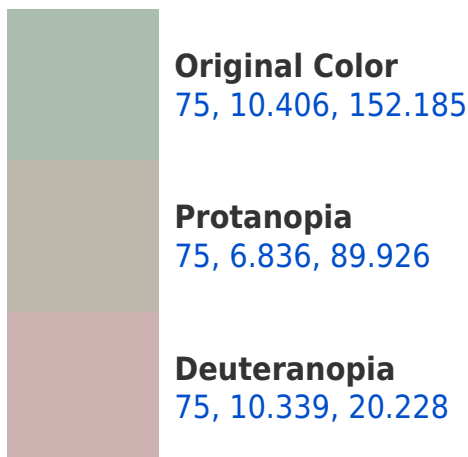


This preview shows how white text looks on a background with the CIELCh color 75, 10.406, 152.185.

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](#).

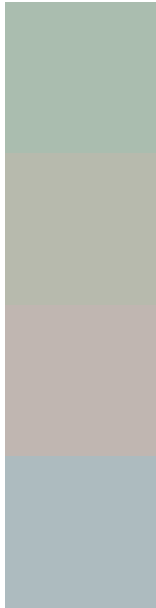
Dichromacy





Tritanopia
75, 8.421, 263.366

Trichromacy



Original Color
75, 10.406, 152.185

Protanomaly
75, 7.089, 118.737

Deuteranomaly
75, 4.638, 54.984

Tritanomaly
75, 5.446, 222.545

Monochromacy



Original Color
75, 10.406, 152.185

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.768, 153.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.406, 152.185 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(170, 189, 175)` looks like.

```
.text, #text, p{  
    color:rgb(170, 189, 175)  
}
```

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(170, 189, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 189, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.406, 152.185 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(170, 189, 175) }
```

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

```
.border{ border-color:rgb(170, 189, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 189, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 189, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 189, 175);  
box-shadow:4px 4px 4px 4px rgb(170, 189,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.406, 152.185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 189, 175) }
```

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

```
.background{ background-color: rgb(170,  
189, 175) }
```

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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