

Converting Colors

CIELCh(75, 14.806, 256.444)

Have a look what the booklet for
CIELCh(75, 14.806, 256.444)
contains.

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Color

CIELCh(75, 14.794, 256.427)

Conversions

Conversions Part 1

Format	Color
Hex	A3BCD3
RGB	163, 188, 211
RGB Percent	64%, 74%, 83%
CMY	0.3620, 0.2639, 0.1738
CMYK	0.23, 0.11, 0.00, 0.17
HSL	209°, 35%, 73%
HSV	209°, 23%, 83%
XYZ	44.6791, 48.2781, 68.3865
YIQ	183.1470, -22.2830, 1.8530

Conversions

Conversions Part 2

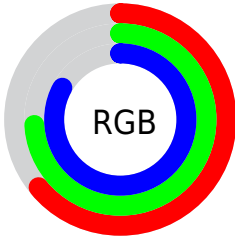
Format	Color
RYB	163, 179, 211
Decimal	10730707
CIELab	75.00, -3.47, -14.38
CIELCh	75, 14.794, 256.427
Yxy	48.2781, 0.2769, 0.2992
Android (android.graphics.Color)	4288920787 (0xFFA3BCD3)
YUV	183.1470, 13.7315, -17.6689
Hunter-Lab	69.4824, -6.8138, -9.7171

Details

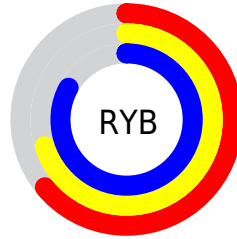
The CIELCh color **75, 14.794, 256.427** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 15.850, 70.365**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 10.287, 232.440**, and **55, 14.618, 254.887** is the 20% darker color. If you saturate the color by 10%, you get **71, 21.096, 258.324**, and if you desaturate by 10%, it is **79, 8.362, 254.843**.

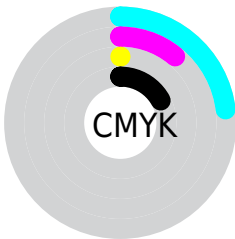
Distribution



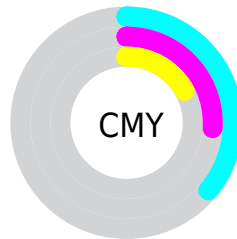
- Red (64%)
- Green (74%)
- Blue (83%)



- Red (64%)
- Yellow (70%)
- Blue (83%)



- Cyan (23%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)





- Cyan (36%)
- Magenta (26%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 14.794, 256.427 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, 14.794, 256.427 by changing the saturation by 10% instead.


 75, 14.794,
256.427


 75, 14.794,
256.427


 100, 14.794,
256.427


 65, 14.794,
256.427


 95, 14.794,
256.427

 55, 14.794,
256.427

 45, 14.794,
256.427

 35, 14.794,
256.427

 25, 14.794,
256.427

 15, 14.794,
256.427

 5, 14.794, 256.427

0, 14.794, 256.427

75, 14.794,
256.427

75, 14.794,
256.427

71, 21.096,
258.324

79, 8.362, 254.843

67, 27.244,
260.604

83, 1.833, 253.669

63, 33.225,
263.324

87, 4.763, 72.231

59, 39.046,
266.537

92, 11.399, 71.313

56, 44.752,
270.268

95, 15.408, 84.958

52, 50.426,
274.483

97, 19.239,
101.198

99, 22.383,
108.482

■ 49, 56.179,
279.060

■ 47, 60.465,
282.377

Harmonies

Complementary

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



75, 14.794, 256.427



77, 15.850, 70.365

Rectangle

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



75, 14.794, 256.427



75, 14.794, 306.427



75, 14.794, 76.427



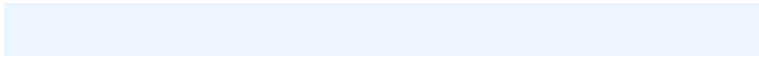
75, 14.794, 126.427

Sweetspot

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



75, 14.793, 256.422



97, 5.371, 254.087



81, 22.128, 159.924



51, 3.488, 254.162



0, 0.000, 0.000



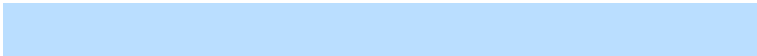
53, 0.007, 296.813

Same Dimension

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



75, 14.793, 256.422



87, 20.394, 257.239



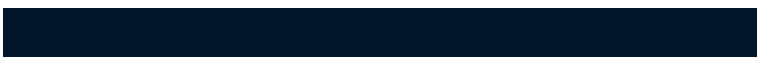
69, 25.520, 291.508



42, 3.700, 254.381



37, 50.384, 281.588



6, 15.753, 270.015

Inverse Universe

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



72, 22.487, 344.517



83, 31.198, 344.976



83, 24.284, 106.553



41, 5.498, 343.266



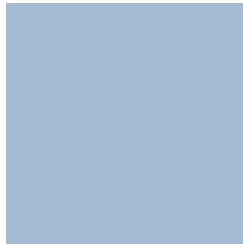
36, 62.379, 359.719



5, 22.032, 352.583

Previews

White Background



This preview shows how the CIE LCh color 75, 14.794, 256.427 looks on a white background.

Color Contrast Check

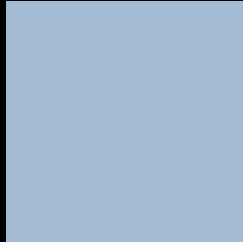
Large Text (above 18pt) WCAG AA × Fail

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, 14.794, 256.427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

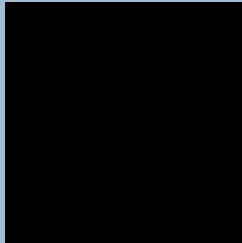
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

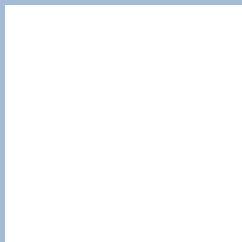
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 14.794, 256.427

Background



This preview shows how black text looks on a background with the CIELCh color 75, 14.794, 256.427.



This preview shows how white text looks on a background with the CIELCh color 75, 14.794, 256.427.

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, 12.373, 239.928

Trichromacy



Original Color
75, 14.794, 256.427

Protanomaly
75, 13.413, 274.924

Deuteranomaly
75, 15.703, 286.600

Tritanomaly
75, 12.813, 244.863

Monochromacy



Original Color
75, 14.794, 256.427

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 5.351, 253.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 14.794, 256.427 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(163, 188, 211)` looks like.

```
.text, #text, p{  
    color:rgb(163, 188, 211)  
}
```

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(163, 188, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 188, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 14.794, 256.427 is called "border". The border property can be set on classes, ids or directly on the HTML element.

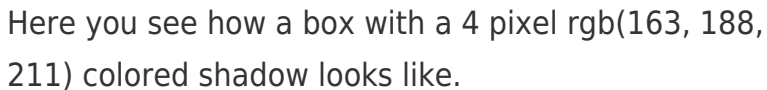
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(163, 188, 211) }
```

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

```
.border{ border-color:rgb(163, 188, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(163, 188, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 188, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 188, 211); box-shadow:4px 4px 4px 4px rgb(163, 188, 211) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 14.794, 256.427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 188, 211) }
```

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

```
.background{ background-color: rgb(163,  
188, 211) }
```

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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