

Converting Colors

CIELCh(75, 9.082, 195.551)

Have a look what the booklet for
CIELCh(75, 9.082, 195.551) contains.

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Color

CIELCh(75, 9.324, 195.394)

Conversions

Conversions Part 1

Format	Color
Hex	A4BEBD
RGB	164, 190, 189
RGB Percent	64%, 75%, 74%
CMY	0.3576, 0.2557, 0.2596
CMYK	0.14, 0.00, 0.01, 0.26
HSL	178°, 17%, 69%
HSV	178°, 14%, 74%
XYZ	42.8037, 48.2781, 55.0939
YIQ	182.1120, -15.1750, -5.8230

Conversions

Conversions Part 2

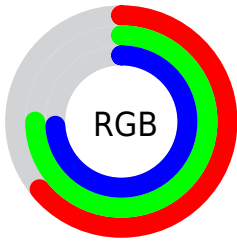
Format	Color
RYB	164, 177, 190
Decimal	10796733
CIELab	75.00, -8.99, -2.48
CIElCh	75, 9.324, 195.394
Yxy	48.2781, 0.2928, 0.3303
Android (android.graphics.Color)	4288986813 (0xFFA4BEBD)
YUV	182.1120, 3.3958, -15.8842
Hunter-Lab	69.4824, -11.6318, 1.6256

Details

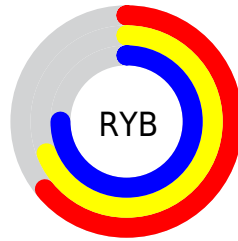
The CIELCh color `75, 9.324, 195.394` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `70, 10.110, 17.181`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 9.279, 195.687`, and `55, 9.421, 194.994` is the 20% darker color. If you saturate the color by 10%, you get `74, 15.679, 194.750`, and if you desaturate by 10%, it is `76, 2.574, 196.165`.

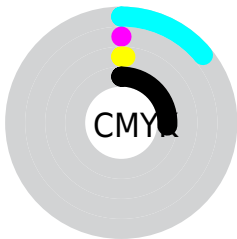
Distribution



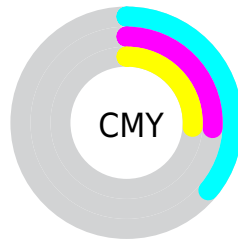
- Red (64%)
- Green (75%)
- Blue (74%)



- Red (64%)
- Yellow (69%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (26%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 9.324, 195.394 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, 9.324, 195.394 by changing the saturation by 10% instead.

■ 75, 9.324, 195.394

■ 75, 9.324, 195.394

■ 100, 9.324,
195.394

■ 65, 9.324, 195.394

■ 95, 9.324, 195.394

■ 55, 9.324, 195.394

■ 45, 9.324, 195.394

■ 35, 9.324, 195.394

■ 25, 9.324, 195.394

■ 15, 9.324, 195.394

■ 5, 9.324, 195.394

■ 0, 9.324, 195.394

■ 75, 9.324, 195.394

■ 75, 9.324, 195.394

74, 15.679,
194.750

76, 2.574, 196.165

73, 21.526,
194.150

78, 4.470, 16.491

72, 26.751,
193.579

80, 11.716, 17.223

71, 31.251,
193.032

81, 19.087, 17.906

71, 34.942,
192.505

83, 25.063, 18.280

70, 37.778,
191.991

83, 25.048, 17.409

70, 39.755,
191.481

83, 25.038, 16.537

70, 40.932,
190.962

83, 25.035, 15.665

70, 41.408,

83, 25.038, 14.793

Harmonies

Complementary

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



75, 9.324, 195.394



70, 10.110, 17.181

Rectangle

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



75, 9.324, 195.394



75, 9.324, 245.394



75, 9.324, 15.394



75, 9.324, 65.394

Sweetspot

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



75, 9.325, 195.385



97, 3.450, 196.123



74, 16.905, 142.339



52, 2.468, 196.045



99, 0.012, 296.813



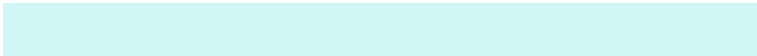
52, 0.007, 296.813

Same Dimension

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



75, 9.325, 195.385



95, 13.415, 195.218



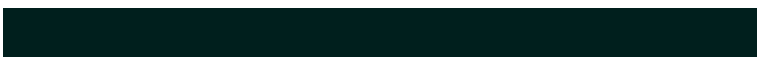
72, 8.059, 251.599



39, 3.880, 195.683



59, 36.152, 190.707



9, 11.856, 192.444

Inverse Universe

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



70, 10.110, 17.181



87, 14.780, 17.419



73, 8.432, 68.222



37, 4.097, 16.795



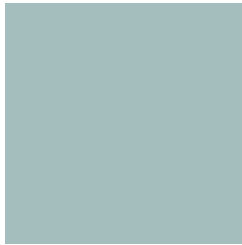
32, 71.319, 38.099



3, 12.267, 17.182

Previews

White Background



This preview shows how the CIELCh color 75, 9.324, 195.394 looks on a white background.

Color Contrast Check

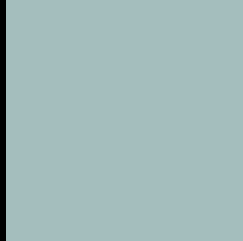
Large Text (above 18pt) WCAG AA × Fail

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, 9.324, 195.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

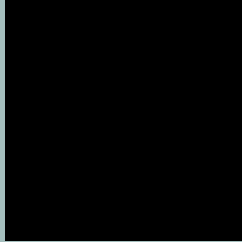
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

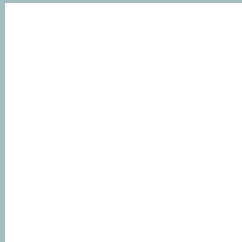
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 9.324, 195.394

Background



This preview shows how black text looks on a background with the CIELCh color 75, 9.324, 195.394.



This preview shows how white text looks on a background with the CIELCh color 75, 9.324, 195.394.

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](#).

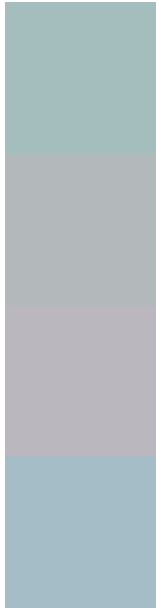
Dichromacy





Tritanopia
75, 10.964, 246.823

Trichromacy



Original Color
75, 9.324, 195.394

Protanomaly
75, 2.260, 213.300

Deuteranomaly
75, 3.960, 306.684

Tritanomaly
75, 9.598, 229.400

Monochromacy



Original Color
75, 9.324, 195.394

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.717, 190.873

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 9.324, 195.394 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(164, 190, 189)` looks like.

```
.text, #text, p{  
    color:rgb(164, 190, 189)  
}
```

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(164, 190, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 190, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 9.324, 195.394 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(164, 190, 189) }
```

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

```
.border{ border-color:rgb(164, 190, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 190, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 190, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 190, 189);  
box-shadow:4px 4px 4px 4px rgb(164, 190,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 9.324, 195.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 190, 189) }
```

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

```
.background{ background-color: rgb(164,  
190, 189) }
```

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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