

Converting Colors

CIELCh(75, 9.742, 213.619)

Have a look what the booklet for
CIELCh(75, 9.742, 213.619) contains.

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Color

CIELCh(75, 9.712, 211.634)

Conversions

Conversions Part 1

Format	Color
Hex	A3BEC2
RGB	163, 190, 194
RGB Percent	64%, 75%, 76%
CMY	0.3623, 0.2564, 0.2408
CMYK	0.16, 0.02, 0.00, 0.24
HSL	188°, 20%, 70%
HSV	188°, 16%, 76%
XYZ	43.0456, 48.2781, 57.8546
YIQ	182.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

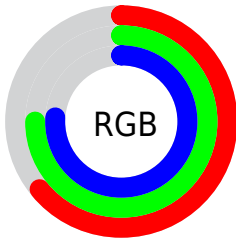
Format	Color
R _Y B	163, 177, 194
Decimal	10731202
CIE Lab	75.00, -8.27, -5.09
CIE LCh	75, 9.712, 211.634
Yxy	48.2781, 0.2886, 0.3236
Android (android.graphics.Color)	4288921282 (0xFFA3BEC2)
YUV	182.3830, 5.7272, -16.9989
Hunter-Lab	69.4824, -11.0104, -0.7302

Details

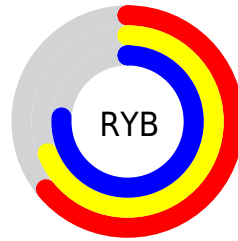
The CIELCh color $75, 9.712, 211.634$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $71, 10.799, 31.825$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 9.672, 211.182$, and $55, 9.720, 208.777$ is the 20% darker color. If you saturate the color by 10%, you get $73, 15.269, 211.740$, and if you desaturate by 10%, it is $77, 3.745, 211.697$.

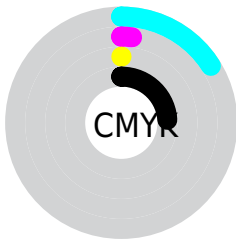
Distribution



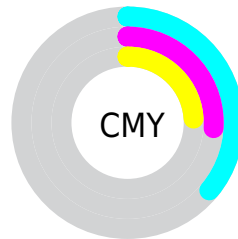
- Red (64%)
- Green (75%)
- Blue (76%)



- Red (64%)
- Yellow (69%)
- Blue (76%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (36%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 9.712, 211.634 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, 9.712, 211.634 by changing the saturation by 10% instead.

■ 75, 9.712, 211.634

■ 75, 9.712, 211.634

■ 100, 9.712,
211.634

■ 65, 9.712, 211.634

■ 95, 9.712, 211.634

■ 55, 9.712, 211.634

■ 45, 9.712, 211.634

■ 35, 9.712, 211.634

■ 25, 9.712, 211.634

■ 15, 9.712, 211.634

■ 5, 9.712, 211.634

■ 0, 9.712, 211.634

■ 75, 9.712, 211.634

■ 75, 9.712, 211.634

73, 15.269,
211.740

77, 3.745, 211.697

71, 20.315,
212.018

79, 2.544, 31.416

70, 24.751,
212.488

81, 9.075, 31.717

68, 28.482,
213.191

86, 20.895, 33.016

67, 31.433,
214.175

86, 20.308, 37.010

66, 33.567,
215.494

87, 19.828, 41.221

65, 34.894,
217.202

87, 19.463, 45.615

64, 35.499,
219.336

88, 19.220, 50.147

63, 35.649,

Harmonies

Complementary

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



75, 9.712, 211.634



71, 10.799, 31.825

Rectangle

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



75, 9.712, 211.634



75, 9.712, 261.634



75, 9.712, 31.634



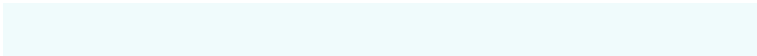
75, 9.712, 81.634

Sweetspot

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



75, 9.712, 211.624



98, 3.876, 211.726



75, 18.840, 146.763



52, 2.661, 211.702



0, 0.000, 0.000



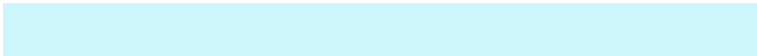
53, 0.007, 296.813

Same Dimension

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



75, 9.712, 211.624



94, 14.157, 211.646



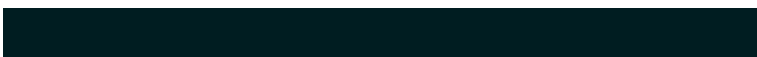
71, 11.143, 269.170



40, 3.507, 211.640



53, 31.070, 219.879



9, 10.864, 214.551

Inverse Universe

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



70, 18.717, 329.094



87, 27.590, 329.295



74, 11.288, 84.866



38, 6.612, 328.689



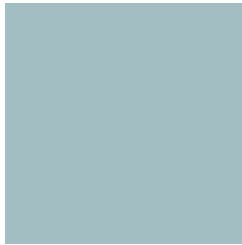
37, 74.024, 334.063



4, 21.452, 331.175

Previews

White Background



This preview shows how the CIELCh color 75, 9.712, 211.634 looks on a white background.

Color Contrast Check

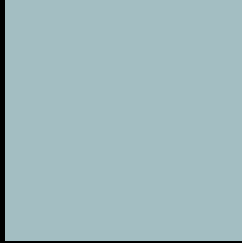
Large Text (above 18pt) WCAG AA × Fail

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, 9.712, 211.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

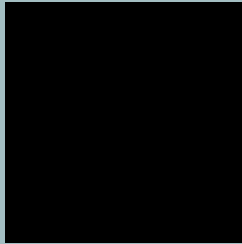
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

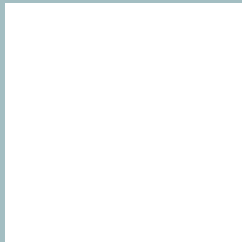
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 9.712, 211.634

Background



This preview shows how black text looks on a background with the CIELCh color 75, 9.712, 211.634.



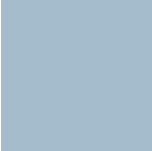
This preview shows how white text looks on a background with the CIELCh color 75, 9.712, 211.634.

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, 11.422, 244.327

Trichromacy



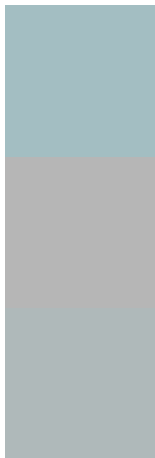
Original Color
75, 9.712, 211.634

Protanomaly
75, 4.308, 248.250

Deuteranomaly
75, 6.505, 293.987

Tritanomaly
75, 10.672, 232.800

Monochromacy



Original Color
75, 9.712, 211.634

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 3.683, 207.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 9.712, 211.634 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, 190, 194)` looks like.

```
.text, #text, p{  
    color:rgb(163, 190, 194)  
}
```

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, 190, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 190, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 9.712, 211.634 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, 190, 194) }
```

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

```
.border{ border-color:rgb(163, 190, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 190, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 190, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 190, 194);  
box-shadow:4px 4px 4px 4px rgb(163, 190,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 9.712, 211.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 190, 194) }
```

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

```
.background{ background-color: rgb(163,  
190, 194) }
```

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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