

Converting Colors

CIELCh(75, 12.148, 225.219)

Have a look what the booklet for
CIELCh(75, 12.148, 225.219)
contains.

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Color

CIELCh(75, 12.140, 225.212)

Conversions

Conversions Part 1

Format	Color
Hex	9EBEC8
RGB	158, 190, 200
RGB Percent	62%, 75%, 78%
CMY	0.3803, 0.2548, 0.2156
CMYK	0.21, 0.05, 0.00, 0.22
HSL	194°, 28%, 70%
HSV	194°, 21%, 78%
XYZ	42.9503, 48.2781, 61.7110
YIQ	181.5720, -22.2820, -3.6740

Conversions

Conversions Part 2

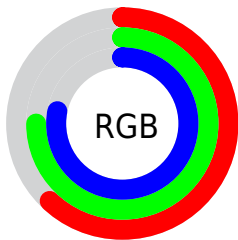
Format	Color
R _Y B	158, 176, 200
Decimal	10403528
CIE Lab	75.00, -8.55, -8.62
CIE LCh	75, 12.140, 225.212
Yxy	48.2781, 0.2808, 0.3157
Android (android.graphics.Color)	4288593608 (0xFF9EBEC8)
YUV	181.5720, 9.0850, -20.6726
Hunter-Lab	69.4824, -11.2552, -4.0209

Details

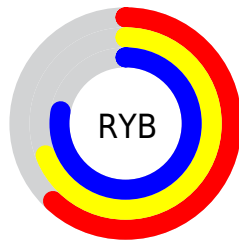
The CIELCh color **75, 12.140, 225.212** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 13.873, 43.264**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 11.844, 221.882**, and **55, 12.084, 223.931** is the 20% darker color. If you saturate the color by 10%, you get **72, 17.352, 226.079**, and if you desaturate by 10%, it is **78, 6.532, 224.579**.

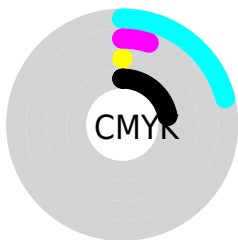
Distribution



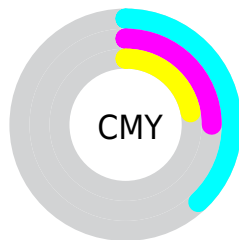
- Red (62%)
- Green (75%)
- Blue (78%)



- Red (62%)
- Yellow (69%)
- Blue (78%)



- Cyan (21%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)





- Cyan (38%)
- Magenta (25%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 12.140, 225.212 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, 12.140, 225.212 by changing the saturation by 10% instead.


 75, 12.140,
225.212


 75, 12.140,
225.212


 100, 12.140,
225.212


 65, 12.140,
225.212


 95, 12.140,
225.212

 55, 12.140,
225.212

 45, 12.140,
225.212

 35, 12.140,
225.212

 25, 12.140,
225.212

 15, 12.140,
225.212

 5, 12.140, 225.212

0, 12.140, 225.212

75, 12.140,
225.212

75, 12.140,
225.212

72, 17.352,
226.079

78, 6.532, 224.579

70, 22.084,
227.245

80, 0.608, 224.885

83, 5.561, 43.565

68, 26.253,
228.769

86, 11.915, 43.373

66, 29.790,
230.736

89, 17.312, 44.691

90, 16.951, 54.516

64, 32.658,
233.234

91, 17.110, 64.438

62, 34.870,
236.351

92, 17.772, 73.868

■ 60, 36.504,
240.144

■ 93, 18.879, 82.372

■ 59, 37.680,
244.018

Harmonies

Complementary

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



75, 12.140, 225.212



71, 13.873, 43.264

Rectangle

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



75, 12.140, 225.212



75, 12.140, 275.212



75, 12.140, 45.212



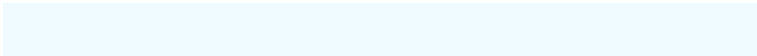
75, 12.140, 95.212

Sweetspot

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



75, 12.140, 225.205



98, 4.392, 224.384



77, 23.352, 150.217



52, 2.908, 224.403



0, 0.000, 0.000



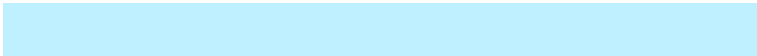
53, 0.007, 296.813

Same Dimension

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



75, 12.140, 225.205



92, 17.370, 225.554



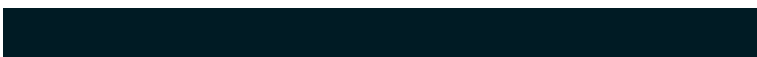
69, 17.227, 278.981



41, 3.366, 224.503



48, 32.290, 243.282



8, 11.126, 233.287

Inverse Universe

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



70, 23.398, 333.260



84, 33.949, 333.566



77, 17.044, 93.544



39, 6.253, 332.464



37, 69.042, 340.420



4, 21.703, 336.993

Previews

White Background



This preview shows how the CIE LCh color 75, 12.140, 225.212 looks on a white background.

Color Contrast Check

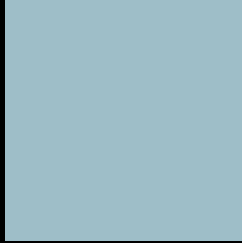
Large Text (above 18pt) WCAG AA × Fail

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, 12.140, 225.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

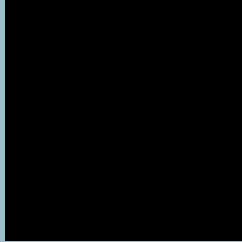
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

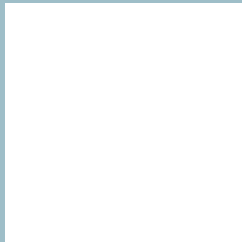
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 12.140, 225.212

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.140, 225.212.

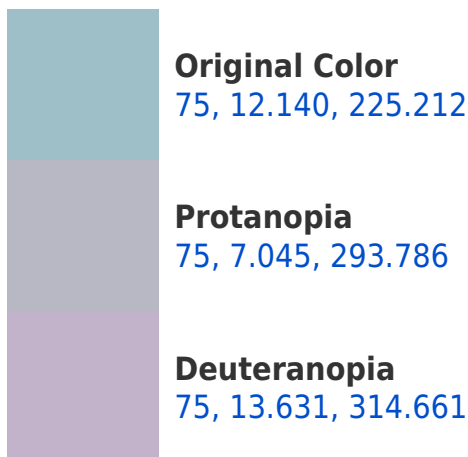


This preview shows how white text looks on a background with the CIELCh color 75, 12.140, 225.212.

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, 12.871, 238.000

Trichromacy



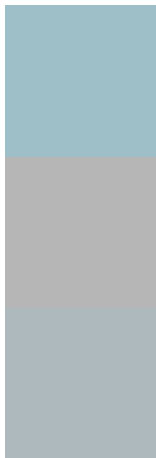
Original Color
75, 12.140, 225.212

Protanomaly
75, 7.043, 256.935

Deuteranomaly
75, 9.745, 286.916

Tritanomaly
75, 12.575, 235.930

Monochromacy



Original Color
75, 12.140, 225.212

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.813, 225.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 12.140, 225.212 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(158, 190, 200)` looks like.

```
.text, #text, p{  
    color:rgb(158, 190, 200)  
}
```

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(158, 190, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 190, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.140, 225.212 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(158, 190, 200) }
```

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

```
.border{ border-color:rgb(158, 190, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 190, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 190, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 190, 200);  
box-shadow:4px 4px 4px 4px rgb(158, 190,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.140, 225.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 190, 200) }
```

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

```
.background{ background-color: rgb(158,  
190, 200) }
```

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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