

Converting Colors

CIELCh(75, 12.609, 241.126)

Have a look what the booklet for
CIELCh(75, 12.609, 241.126)
contains.

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Color

CIELCh(75, 12.701, 241.926)

Conversions

Conversions Part 1

Format	Color
Hex	A1BDCD
RGB	161, 189, 205
RGB Percent	63%, 74%, 80%
CMY	0.3693, 0.2595, 0.1968
CMYK	0.21, 0.08, 0.00, 0.20
HSL	202°, 30%, 72%
HSV	202°, 21%, 80%
XYZ	43.8209, 48.2781, 64.6543
YIQ	182.4520, -21.8240, -0.9600

Conversions

Conversions Part 2

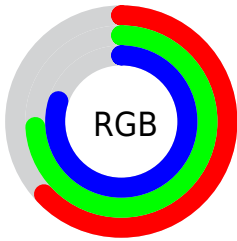
Format	Color
RYB	161, 178, 205
Decimal	10599885
CIELab	75.00, -5.98, -11.21
CIELCh	75, 12.701, 241.926
Yxy	48.2781, 0.2796, 0.3080
Android (android.graphics.Color)	4288789965 (0xFFA1BDCD)
YUV	182.4520, 11.1162, -18.8134
Hunter-Lab	69.4824, -9.0186, -6.5324

Details

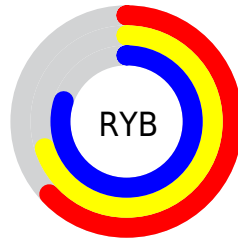
The CIELCh color $75, 12.701, 241.926$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $74, 14.113, 57.517$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 10.881, 227.192$, and $55, 12.644, 241.910$ is the 20% darker color. If you saturate the color by 10%, you get $72, 18.215, 243.477$, and if you desaturate by 10%, it is $78, 6.913, 240.678$.

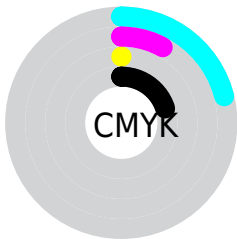
Distribution



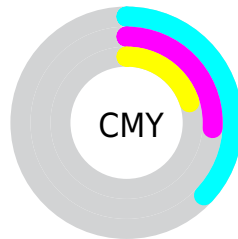
- Red (63%)
- Green (74%)
- Blue (80%)



- Red (63%)
- Yellow (70%)
- Blue (80%)



- Cyan (21%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)





- Cyan (37%)
- Magenta (26%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 12.701, 241.926 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, 12.701, 241.926 by changing the saturation by 10% instead.


 75, 12.701,
241.926


 75, 12.701,
241.926


 100, 12.701,
241.926


 65, 12.701,
241.926


 95, 12.701,
241.926

 55, 12.701,
241.926

 45, 12.701,
241.926

 35, 12.701,
241.926

 25, 12.701,
241.926

 15, 12.701,
241.926

 5, 12.701, 241.926

0, 12.701, 241.926

75, 12.701,
241.926

75, 12.701,
241.926

72, 18.215,
243.477

78, 6.913, 240.678

68, 23.401,
245.407

82, 0.909, 240.099

65, 28.211,
247.787

85, 5.263, 58.638

62, 32.617,
250.700

89, 11.557, 57.992

60, 36.627,
254.215

92, 15.522, 64.513

57, 40.300,
258.368

94, 16.833, 80.191

95, 19.190, 92.718

97, 22.247,
102.068

■ 54, 43.759,
263.113

■ 99, 25.323,
108.256

■ 52, 46.705,
267.391

Harmonies

Complementary

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



75, 12.701, 241.926



74, 14.113, 57.517

Rectangle

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



75, 12.701, 241.926



75, 12.701, 291.926



75, 12.701, 61.926



75, 12.701, 111.926

Sweetspot

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



75, 12.700, 241.919



98, 4.356, 240.153



79, 22.308, 154.696



52, 2.886, 240.209



0, 0.000, 0.000



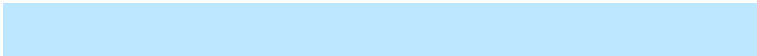
53, 0.007, 296.813

Same Dimension

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



75, 12.700, 241.919



89, 18.182, 242.633



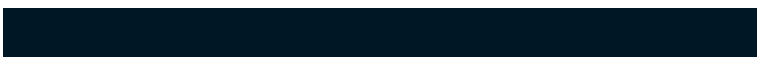
69, 20.601, 285.971



41, 3.417, 240.460



43, 39.488, 266.543



7, 12.802, 254.913

Inverse Universe

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



71, 22.365, 338.589



84, 32.387, 339.000



80, 19.957, 100.879



40, 5.839, 337.619



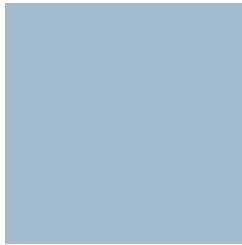
36, 64.529, 349.596



4, 21.658, 344.771

Previews

White Background



This preview shows how the CIELCh color 75, 12.701, 241.926 looks on a white background.

Color Contrast Check

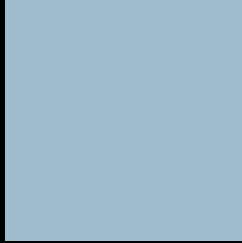
Large Text (above 18pt) WCAG AA × Fail

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, 12.701, 241.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

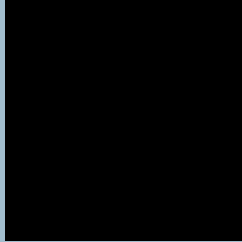
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

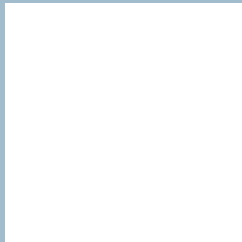
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 12.701, 241.926

Background



This preview shows how black text looks on a background with the CIELCh color 75, 12.701, 241.926.



This preview shows how white text looks on a background with the CIELCh color 75, 12.701, 241.926.

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



Original Color
75, 12.701, 241.926

Protanopia
75, 9.731, 291.099

Deuteranopia
75, 15.910, 308.445



Tritanopia
75, 12.373, 239.928

Trichromacy



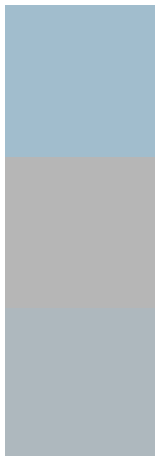
Original Color
75, 12.701, 241.926

Protanomaly
75, 9.758, 269.897

Deuteranomaly
75, 12.438, 288.110

Tritanomaly
75, 12.373, 239.928

Monochromacy



Original Color
75, 12.701, 241.926

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.811, 241.796

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 12.701, 241.926 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(161, 189, 205)` looks like.

```
.text, #text, p{  
    color:rgb(161, 189, 205)  
}
```

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(161, 189, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 189, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 12.701, 241.926 is called "border". The border property can be set on classes, ids or directly on the HTML element.

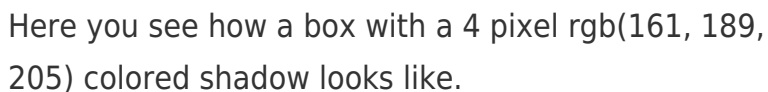
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 189, 205) }
```

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

```
.border{ border-color:rgb(161, 189, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 189, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 189, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 189, 205); box-shadow:4px 4px 4px 4px rgb(161, 189, 205) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 12.701, 241.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 189, 205) }
```

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

```
.background{ background-color: rgb(161,  
189, 205) }
```

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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