

# Converting Colors

CIELCh(74, 14.488, 258.656)

Have a look what the booklet for  
CIELCh(74, 14.488, 258.656)  
contains.

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# **Color**

**CIELCh(74, 14.488, 258.656)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A2B9D0
RGB	162, 185, 208
RGB Percent	64%, 73%, 82%
CMY	0.3663, 0.2761, 0.1859
CMYK	0.22, 0.11, 0.00, 0.19
HSL	210°, 33%, 72%
HSV	210°, 22%, 81%
XYZ	43.4196, 46.7039, 66.1357
YIQ	180.7450, -21.0910, 2.2770

# Conversions

## Conversions Part 2

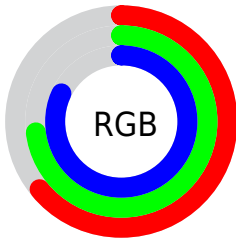
Format	Color
<b>RYB</b>	162, 177, 208
Decimal	10664400
CIELab	74.00, -2.85, -14.20
CIELCh	74, 14.488, 258.656
Yxy	46.7039, 0.2779, 0.2989
Android (android.graphics.Color)	4288854480 (0xFFA2B9D0)
YUV	180.7450, 13.4367, -16.4394
Hunter-Lab	68.3403, -6.1866, -9.5392

# Details

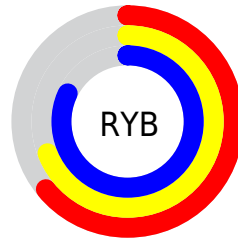
The CIELCh color **74, 14.488, 258.656** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76, 15.368, 72.664**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 10.670, 241.715**, and **54, 14.598, 259.722** is the 20% darker color. If you saturate the color by 10%, you get **70, 20.886, 260.549**, and if you desaturate by 10%, it is **78, 7.992, 257.069**.

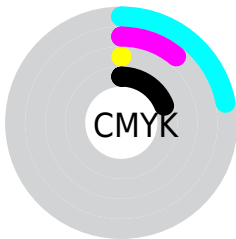
# Distribution



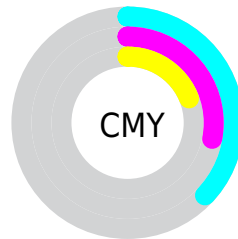
- Red (64%)
- Green (73%)
- Blue (82%)



- Red (64%)
- Yellow (69%)
- Blue (82%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)




- Cyan (37%)
- Magenta (28%)
- Yellow (19%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 14.488, 258.656 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 74, 14.488, 258.656 by changing the saturation by 10% instead.



 74, 14.488,  
258.656

 74, 14.488,  
258.656

 100, 14.488,  
258.656


 64, 14.488,  
258.656


 94, 14.488,  
258.656

 54, 14.488,  
258.656

 44, 14.488,  
258.656

 34, 14.488,  
258.656

 24, 14.488,  
258.656

 14, 14.488,  
258.656

 4, 14.488, 258.656

0, 14.488, 258.656

74, 14.488,  
258.656

74, 14.488,  
258.656

70, 20.886,  
260.549

78, 7.992, 257.069

82, 1.427, 255.934

66, 27.168,  
262.815

87, 5.183, 74.447

62, 33.324,  
265.506

91, 11.813, 73.506

58, 39.365,  
268.674

94, 16.367, 83.857

97, 20.188, 99.947

54, 45.334,  
272.338

99, 23.937,  
108.363

51, 51.311,  
276.463

■ 47, 57.393,  
280.929

■ 45, 62.319,  
284.443

# Harmonies

# Complementary

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



74, 14.488, 258.656



76, 15.368, 72.664

# Rectangle

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



74, 14.488, 258.656



74, 14.488, 308.656



74, 14.488, 78.656



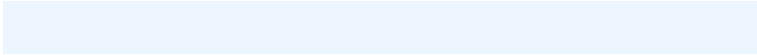
74, 14.488, 128.656

# Sweetspot

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



74, 14.487, 258.651



96, 5.455, 256.389



80, 20.998, 160.832



51, 3.543, 256.466



0, 0.000, 0.000



53, 0.007, 296.813



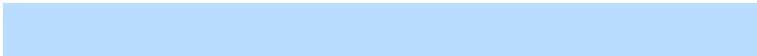


# Same Dimension

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



74, 14.487, 258.651



87, 20.797, 259.590



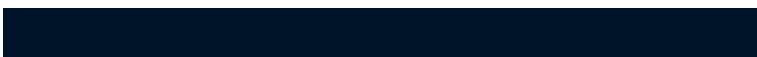
68, 24.931, 292.080



42, 3.759, 256.690



36, 52.534, 283.722



6, 16.204, 272.038



# Inverse Universe

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



71, 21.315, 345.601



83, 30.800, 346.139



82, 23.719, 107.341



41, 5.421, 344.384



36, 62.119, 1.665

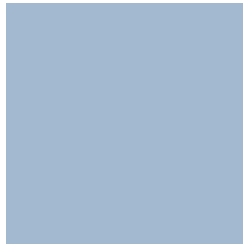


5, 21.813, 353.938



# Previews

## White Background



This preview shows how the CIELCh color 74, 14.488, 258.656 looks on a white background.

## Color Contrast Check

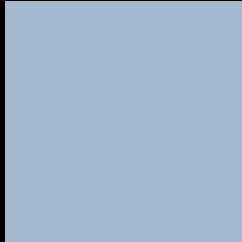
Large Text (above 18pt) WCAG AA × Fail

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 74, 14.488, 258.656 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

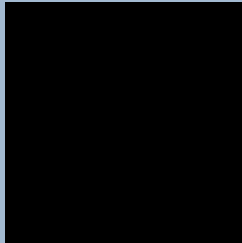
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

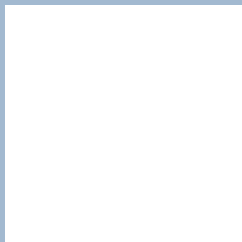
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 74, 14.488, 258.656

## Background



This preview shows how black text looks on a background with the CIELCh color 74, 14.488, 258.656.



This preview shows how white text looks on a background with the CIELCh color 74, 14.488, 258.656.

# 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

74, 14.488, 258.656

### Protanopia

74, 13.557, 288.504

### Deuteranopia

74, 17.706, 302.071





**Tritanopia**  
74, 11.913, 242.065

# Trichromacy



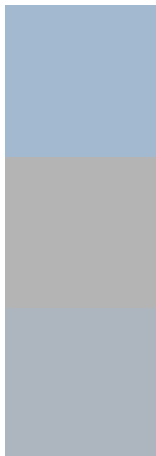
**Original Color**  
74, 14.488, 258.656

**Protanomaly**  
74, 13.368, 276.373

**Deuteranomaly**  
74, 15.192, 287.685

**Tritanomaly**  
74, 12.575, 250.068

# Monochromacy



**Original Color**  
74, 14.488, 258.656

**Achromatopsia**  
73, 0.009, 296.813

**Achromatomaly**  
74, 5.366, 253.351

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 74, 14.488, 258.656 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(162, 185, 208)` looks like.

```
.text, #text, p{  
    color:rgb(162, 185, 208)  
}
```

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(162, 185, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 185, 208) }
```

## Border

The CSS property to change the border of an element to CIELCh 74, 14.488, 258.656 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(162, 185, 208) }
```

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

```
.border{ border-color:rgb(162, 185, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 185, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 185, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 185, 208);  
box-shadow:4px 4px 4px 4px rgb(162, 185,  
208) }
```

# Background

The CSS property to change the background color of an element to CIELCh 74, 14.488, 258.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 185, 208) }
```

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

```
.background{ background-color: rgb(162,  
185, 208) }
```

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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