

Converting Colors

CIELCh(74, 18.209, 242.015)

Have a look what the booklet for
CIELCh(74, 18.209, 242.015)
contains.

CIELCh(74, 18.209, 242.056)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 18.209, 242.056)

Conversions

Conversions Part 1

Format	Color
Hex	92BCD3
RGB	146, 188, 211
RGB Percent	57%, 74%, 83%
CMY	0.4280, 0.2633, 0.1731
CMYK	0.31, 0.11, 0.00, 0.17
HSL	201°, 42%, 70%
HSV	201°, 31%, 83%
XYZ	41.5254, 46.7039, 68.3637
YIQ	178.0640, -32.4150, -1.7510

Conversions

Conversions Part 2

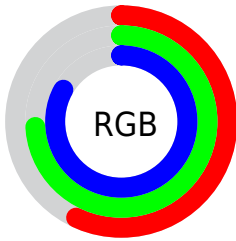
Format	Color
RYB	146, 172, 211
Decimal	9616595
CIELab	74.00, -8.53, -16.09
CIELCh	74, 18.209, 242.056
Yxy	46.7039, 0.2652, 0.2983
Android (android.graphics.Color)	4287806675 (0xFF92BCD3)
YUV	178.0640, 16.2374, -28.1201
Hunter-Lab	68.3403, -11.1340, -11.4721

Details

The CIELCh color **74, 18.209, 242.056** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 21.439, 55.669**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 15.083, 220.796**, and **54, 18.073, 240.771** is the 20% darker color. If you saturate the color by 10%, you get **71, 23.488, 243.919**, and if you desaturate by 10%, it is **77, 12.581, 240.553**.

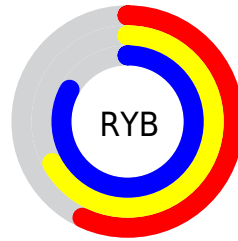
Distribution



Red (57%)

Green (74%)

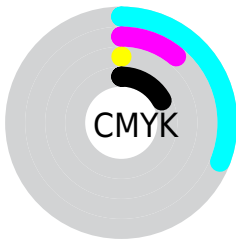
Blue (83%)



Red (57%)

Yellow (67%)

Blue (83%)

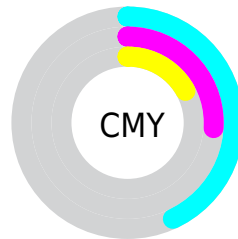


Cyan (31%)

Magenta (11%)

Yellow (0%)

Black (17%)



Cyan (43%)


Magenta (26%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 18.209, 242.056 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, 18.209, 242.056 by changing the saturation by 10% instead.


 74, 18.209,
242.056

 74, 18.209,
242.056


 100, 18.209,
242.056


 64, 18.209,
242.056


 94, 18.209,
242.056

 54, 18.209,
242.056

 44, 18.209,
242.056

 34, 18.209,
242.056

 24, 18.209,
242.056

 14, 18.209,
242.056

 4, 18.209, 242.056

0, 18.209, 242.056

74, 18.209,
242.056

74, 18.209,
242.056

71, 23.488,
243.919

77, 12.581,
240.553

68, 28.367,
246.231

81, 6.665, 239.367

65, 32.810,
249.072

84, 0.520, 239.255

88, 5.802, 57.414

62, 36.821,
252.518

91, 12.254, 56.801

59, 40.455,
256.612

93, 13.981, 72.517

95, 15.940, 88.545

57, 43.833,
261.322

97, 18.841,

■ 54, 46.899,
265.953

100.256

■ 99, 22.295,
108.488

Harmonies

Complementary

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



74, 18.209, 242.056



72, 21.439, 55.669

Rectangle

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



74, 18.209, 242.056



74, 18.209, 292.056



74, 18.209, 62.056



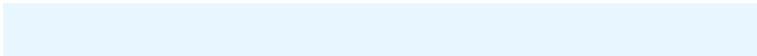
74, 18.209, 112.056

Sweetspot

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



74, 18.208, 242.052



96, 6.486, 239.195



79, 32.696, 153.782



51, 4.495, 239.341



0, 0.000, 0.000



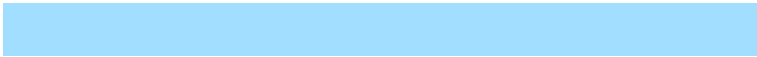
53, 0.007, 296.813

Same Dimension

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



74, 18.208, 242.052



85, 25.074, 243.235



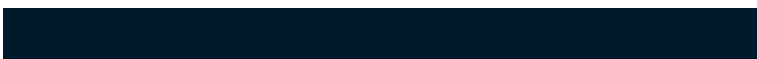
65, 30.760, 287.479



42, 3.479, 239.225



44, 39.238, 265.066



8, 13.352, 253.248

Inverse Universe

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



68, 33.126, 338.940



77, 46.269, 339.539



81, 29.311, 99.811



41, 6.000, 337.186



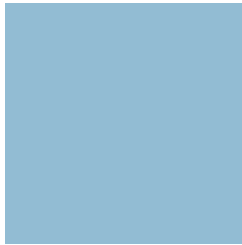
37, 65.588, 348.845



5, 23.765, 344.218

Previews

White Background



This preview shows how the CIELCh color 74, 18.209, 242.056 looks on a white background.

Color Contrast Check

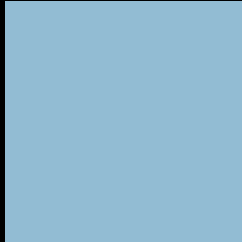
Large Text (above 18pt) WCAG AA × Fail

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, 18.209, 242.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

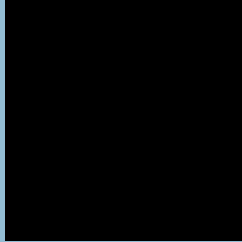
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 18.209, 242.056

Background



This preview shows how black text looks on a background with the CIELCh color 74, 18.209, 242.056.

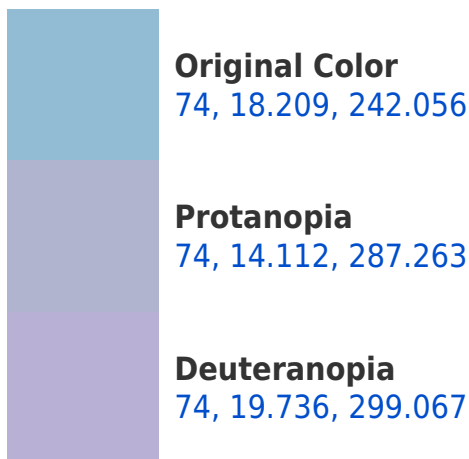


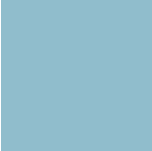
This preview shows how white text looks on a background with the CIELCh color 74, 18.209, 242.056.

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
74, 16.778, 227.558

Trichromacy



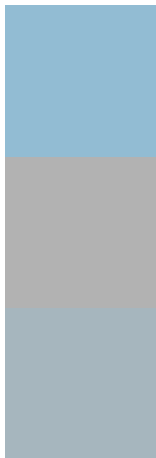
Original Color
74, 18.209, 242.056

Protanomaly
74, 14.578, 267.943

Deuteranomaly
74, 17.114, 279.124

Tritanomaly
74, 16.967, 231.530

Monochromacy



Original Color
74, 18.209, 242.056

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 7.098, 236.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 18.209, 242.056 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(146, 188, 211)` looks like.

```
.text, #text, p{  
    color:rgb(146, 188, 211)  
}
```

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(146, 188, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 188, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 18.209, 242.056 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(146, 188, 211) }
```

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

```
.border{ border-color:rgb(146, 188, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 188, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 188, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 188, 211);  
box-shadow:4px 4px 4px 4px rgb(146, 188,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 18.209, 242.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 188, 211) }
```

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

```
.background{ background-color: rgb(146,  
188, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor