

Converting Colors

CIELCh(74, 18.516, 239.368)

Have a look what the booklet for
CIELCh(74, 18.516, 239.368)
contains.

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Color

CIELCh(74, 18.647, 240.774)

Conversions

Conversions Part 1

Format	Color
Hex	90BCD3
RGB	144, 188, 211
RGB Percent	56%, 74%, 83%
CMY	0.4346, 0.2620, 0.1718
CMYK	0.32, 0.11, 0.00, 0.17
HSL	201°, 43%, 70%
HSV	201°, 32%, 83%
XYZ	41.3380, 46.7039, 68.5882
YIQ	177.4660, -33.6070, -2.1750

Conversions

Conversions Part 2

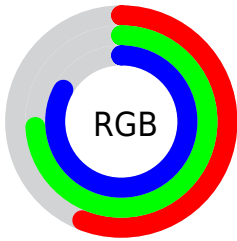
Format	Color
RYB	144, 171, 211
Decimal	9485523
CIELab	74.00, -9.10, -16.27
CIELCh	74, 18.647, 240.774
Yxy	46.7039, 0.2639, 0.2982
Android (android.graphics.Color)	4287675603 (0xFF90BCD3)
YUV	177.4660, 16.5323, -29.3497
Hunter-Lab	68.3403, -11.6235, -11.6669

Details

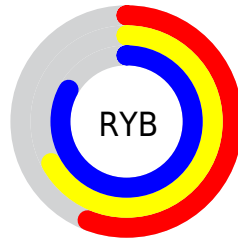
The CIELCh color `74, 18.647, 240.774` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `72, 22.188, 54.441`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `93, 15.656, 219.913`, and `54, 18.500, 239.548` is the 20% darker color. If you saturate the color by 10%, you get `71, 23.845, 242.625`, and if you desaturate by 10%, it is `77, 13.078, 239.287`.

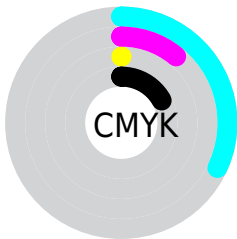
Distribution



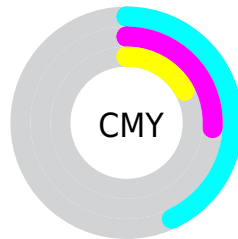
- Red (56%)
- Green (74%)
- Blue (83%)



- Red (56%)
- Yellow (67%)
- Blue (83%)



- Cyan (32%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)





- Cyan (43%)
- Magenta (26%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 18.647, 240.774 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, 18.647, 240.774 by changing the saturation by 10% instead.


 74, 18.647,
240.774

 74, 18.647,
240.774


 100, 18.647,
240.774


 64, 18.647,
240.774


 94, 18.647,
240.774

 54, 18.647,
240.774

 44, 18.647,
240.774

 34, 18.647,
240.774

 24, 18.647,
240.774

 14, 18.647,
240.774

 4, 18.647, 240.774

0, 18.647, 240.774

74, 18.647,
240.774

74, 18.647,
240.774

71, 23.845,
242.625

77, 13.078,
239.287

68, 28.618,
244.929

81, 7.203, 238.116

65, 32.931,
247.768

84, 1.083, 237.540

88, 5.228, 56.198

62, 36.788,
251.222

91, 11.679, 55.614

60, 40.245,
255.332

93, 13.691, 69.787

95, 15.409, 86.141

57, 43.430,
260.068

97, 18.097, 98.334

■ 55, 46.029,
264.248

■ 99, 21.374,
106.993

Harmonies

Complementary

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



74, 18.647, 240.774



72, 22.188, 54.441

Rectangle

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



74, 18.647, 240.774



74, 18.647, 290.774



74, 18.647, 60.774



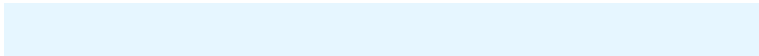
74, 18.647, 110.774

Sweetspot

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



74, 18.646, 240.770



96, 7.179, 237.955



79, 34.120, 153.004



51, 4.885, 238.096



0, 0.000, 0.000



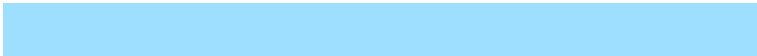
53, 0.007, 296.813

Same Dimension

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



74, 18.646, 240.770



85, 25.553, 241.964



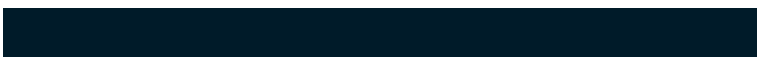
65, 31.129, 286.776



42, 3.472, 237.888



44, 38.485, 263.353



8, 13.199, 251.514

Inverse Universe

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



68, 34.375, 338.531



77, 47.813, 339.134



80, 29.729, 98.735



41, 6.045, 336.724



37, 65.971, 348.013



5, 23.940, 343.550

Previews

White Background



This preview shows how the CIELCh color 74, 18.647, 240.774 looks on a white background.

Color Contrast Check

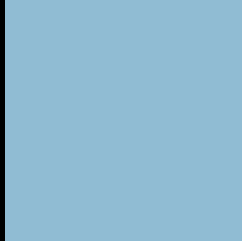
Large Text (above 18pt) WCAG AA × Fail

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, 18.647, 240.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

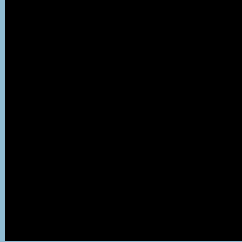
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 18.647, 240.774

Background



This preview shows how black text looks on a background with the CIELCh color 74, 18.647, 240.774.



This preview shows how white text looks on a background with the CIELCh color 74, 18.647, 240.774.

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, 18.647, 240.774

Protanopia

74, 14.112, 287.263

Deuteranopia

74, 20.232, 297.937



Tritanopia
74, 17.043, 227.048

Trichromacy



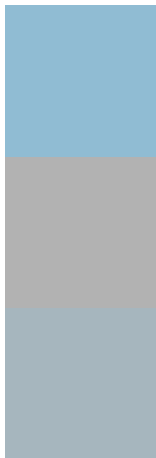
Original Color
74, 18.647, 240.774

Protanomaly
74, 14.704, 266.738

Deuteranomaly
74, 17.704, 278.528

Tritanomaly
74, 17.712, 232.051

Monochromacy



Original Color
74, 18.647, 240.774

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, 18.647, 240.774 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(144, 188, 211)` looks like.

```
.text, #text, p{  
    color:rgb(144, 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(144, 188, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 188, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 18.647, 240.774 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(144, 188, 211) }
```

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

```
.border{ border-color:rgb(144, 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(144, 188, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 188, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 188, 211);  
box-shadow:4px 4px 4px 4px rgb(144, 188,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 18.647, 240.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 188, 211) }
```

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

```
.background{ background-color: rgb(144,  
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](#).

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