

Converting Colors

CIELCh(74, 22.495, 245.854)

Have a look what the booklet for
CIELCh(74, 22.495, 245.854)
contains.

CIELCh(74, 22.371, 245.450)	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, 22.371, 245.450)

Conversions

Conversions Part 1

Format	Color
Hex	8ABDDB
RGB	138, 189, 219
RGB Percent	54%, 74%, 86%
CMY	0.4602, 0.2603, 0.1427
CMYK	0.37, 0.14, 0.00, 0.14
HSL	202°, 53%, 70%
HSV	202°, 37%, 86%
XYZ	41.2757, 46.7039, 73.5966
YIQ	177.1710, -40.0260, -1.4820

Conversions

Conversions Part 2

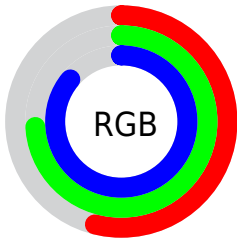
Format	Color
RYB	138, 169, 219
Decimal	9092571
CIELab	74.00, -9.29, -20.35
CIELCh	74, 22.371, 245.450
Yxy	46.7039, 0.2555, 0.2891
Android (android.graphics.Color)	4287282651 (0xFF8ABDDB)
YUV	177.1710, 20.6217, -34.3530
Hunter-Lab	68.3403, -11.7862, -16.0120

Details

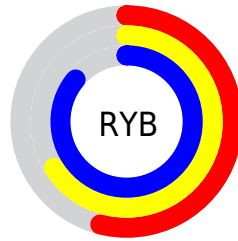
The CIELCh color **74, 22.371, 245.450** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73, 27.110, 56.993**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 17.250, 215.928**, and **54, 22.340, 244.964** is the 20% darker color. If you saturate the color by 10%, you get **71, 27.663, 247.663**, and if you desaturate by 10%, it is **77, 16.711, 243.652**.

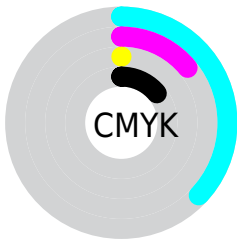
Distribution



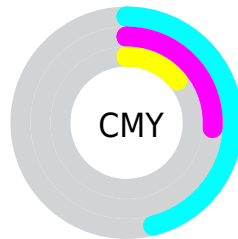
- Red (54%)
- Green (74%)
- Blue (86%)



- Red (54%)
- Yellow (66%)
- Blue (86%)



- Cyan (37%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)





- Cyan (46%)
- Magenta (26%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 22.371, 245.450 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, 22.371, 245.450 by changing the saturation by 10% instead.

 74, 22.371,
245.450

 74, 22.371,
245.450


 100, 22.371,
245.450


 64, 22.371,
245.450


 94, 22.371,
245.450

 54, 22.371,
245.450

 44, 22.371,
245.450

 34, 22.371,
245.450

 24, 22.371,
245.450

 14, 22.371,
245.450

 4, 22.371, 245.450

0, 22.371, 245.450

74, 22.371,
245.450

74, 22.371,
245.450

71, 27.663,
247.663

77, 16.711,
243.652

67, 32.551,
250.381

81, 10.740,
242.205

64, 37.026,
253.678

85, 4.514, 241.079

61, 41.130,
257.604

88, 1.911, 59.737

59, 44.966,
262.149

92, 8.486, 59.141

56, 48.703,
267.181

95, 11.563, 74.769

97, 14.040, 94.351

■ 55, 49.843,
268.650

■ 99, 17.610,
106.917

■ 99, 18.393,
108.786

Harmonies

Complementary

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



74, 22.371, 245.450



73, 27.110, 56.993

Rectangle

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



74, 22.371, 245.450



74, 22.371, 295.450



74, 22.371, 65.450



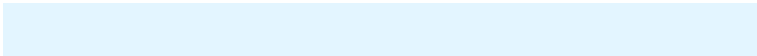
74, 22.371, 115.450

Sweetspot

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



74, 22.370, 245.448



95, 7.934, 241.492



81, 39.772, 153.798



50, 5.319, 241.646



0, 0.000, 0.000



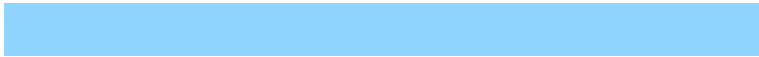
53, 0.007, 296.813

Same Dimension

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



74, 22.370, 245.448



82, 29.532, 247.028



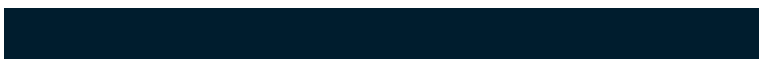
63, 39.273, 289.443



44, 3.633, 241.314



44, 41.456, 267.771



10, 14.850, 257.070

Inverse Universe

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



67, 40.457, 340.311



73, 54.059, 341.051



83, 36.782, 100.038



43, 6.168, 337.929



38, 66.441, 350.245



6, 26.801, 345.497

Previews

White Background



This preview shows how the CIE LCh color 74, 22.371, 245.450 looks on a white background.

Color Contrast Check

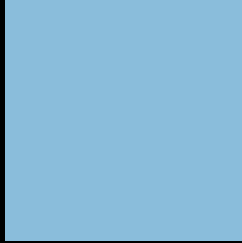
Large Text (above 18pt) WCAG AA × Fail

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, 22.371, 245.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

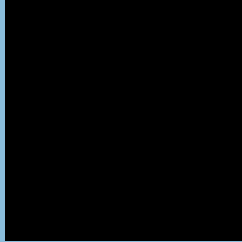
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 22.371, 245.450

Background



This preview shows how black text looks on a background with the CIELCh color 74, 22.371, 245.450.



This preview shows how white text looks on a background with the CIELCh color 74, 22.371, 245.450.

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



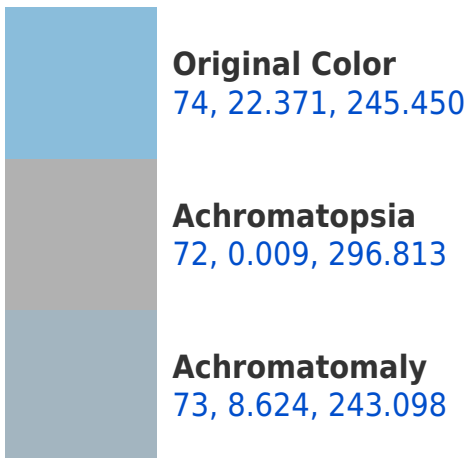


Tritanopia
74, 19.916, 222.395

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 22.371, 245.450 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(138, 189, 219)` looks like.

```
.text, #text, p{  
    color:rgb(138, 189, 219)  
}
```

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(138, 189, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 189, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 22.371, 245.450 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(138, 189, 219) }
```

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

```
.border{ border-color:rgb(138, 189, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 189, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 189, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 189, 219);  
box-shadow:4px 4px 4px 4px rgb(138, 189,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 22.371, 245.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 189, 219) }
```

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

```
.background{ background-color: rgb(138,  
189, 219) }
```

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