

Converting Colors

CIELCh(74, 25.905, 236.981)

Have a look what the booklet for
CIELCh(74, 25.905, 236.981)
contains.

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Color

CIELCh(74, 25.860, 237.441)

Conversions

Conversions Part 1

Format	Color
Hex	7ABFDD
RGB	122, 191, 221
RGB Percent	48%, 75%, 87%
CMY	0.5210, 0.2504, 0.1327
CMYK	0.45, 0.14, 0.00, 0.13
HSL	198°, 59%, 67%
HSV	198°, 45%, 87%
XYZ	39.7825, 46.7039, 75.4320
YIQ	173.7890, -50.7540, -5.2980

Conversions

Conversions Part 2

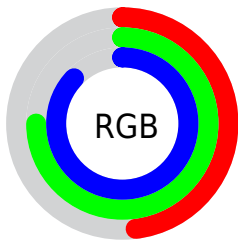
Format	Color
RYB	122, 163, 221
Decimal	8044509
CIELab	74.00, -13.92, -21.80
CIElCh	74, 25.860, 237.441
Yxy	46.7039, 0.2457, 0.2884
Android (android.graphics.Color)	4286234589 (0xFF7ABFDD)
YUV	173.7890, 23.2750, -45.4190
Hunter-Lab	68.3403, -15.6864, -17.6044

Details

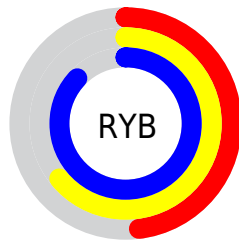
The CIELCh color **74, 25.860, 237.441** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **69, 34.464, 49.506**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 21.937, 209.025**, and **54, 25.871, 236.836** is the 20% darker color. If you saturate the color by 10%, you get **71, 30.393, 239.664**, and if you desaturate by 10%, it is **77, 20.790, 235.674**.

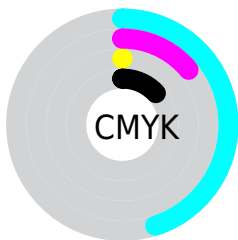
Distribution



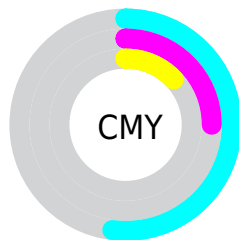
- Red (48%)
- Green (75%)
- Blue (87%)



- Red (48%)
- Yellow (64%)
- Blue (87%)



- Cyan (45%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)





- Cyan (52%)
- Magenta (25%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 25.860, 237.441 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, 25.860, 237.441 by changing the saturation by 10% instead.


 74, 25.860,
237.441


 74, 25.860,
237.441


 100, 25.860,
237.441


 64, 25.860,
237.441


 94, 25.860,
237.441

 54, 25.860,
237.441

 44, 25.860,
237.441

 34, 25.860,
237.441

 24, 25.860,
237.441

 14, 25.860,
237.441

 4, 25.860, 237.441

0, 25.860, 237.441

74, 25.860,
237.441

74, 25.860,
237.441

71, 30.393,
239.664

77, 20.790,
235.674

68, 34.350,
242.442

80, 15.253,
234.284

66, 37.735,
245.857

83, 9.322, 233.205

87, 3.073, 232.456

64, 40.617,
249.960

90, 3.425, 51.438

61, 43.146,
254.726

93, 10.111, 51.006

60, 44.444,
257.342

95, 10.658, 73.714

■ 97, 12.596, 91.865

■ 98, 15.422,
104.186

Harmonies

Complementary

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



74, 25.860, 237.441



69, 34.464, 49.506

Rectangle

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



74, 25.860, 237.441



74, 25.860, 287.441



74, 25.860, 57.441



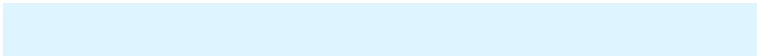
74, 25.860, 107.441

Sweetspot

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



74, 25.859, 237.439



95, 9.247, 233.053



81, 50.730, 150.208



50, 6.438, 233.258



0, 0.000, 0.000



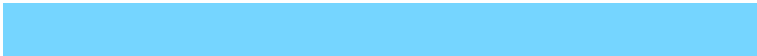
53, 0.007, 296.813

Same Dimension

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



74, 25.859, 237.439



81, 33.686, 239.582



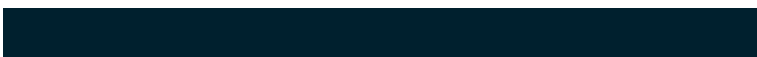
61, 44.746, 287.601



44, 3.601, 232.748



48, 36.769, 256.427



11, 13.757, 246.194

Inverse Universe

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



64, 51.142, 337.857



69, 67.855, 338.778



81, 42.114, 95.075



43, 6.470, 335.023



38, 69.058, 345.008



6, 27.969, 341.426

Previews

White Background



This preview shows how the CIELCh color 74, 25.860, 237.441 looks on a white background.

Color Contrast Check

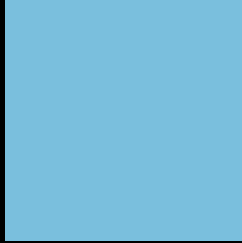
Large Text (above 18pt) WCAG AA × Fail

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, 25.860, 237.441 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, 25.860, 237.441

Background



This preview shows how black text looks on a background with the CIELCh color 74, 25.860, 237.441.



This preview shows how white text looks on a background with the CIELCh color 74, 25.860, 237.441.

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](#).

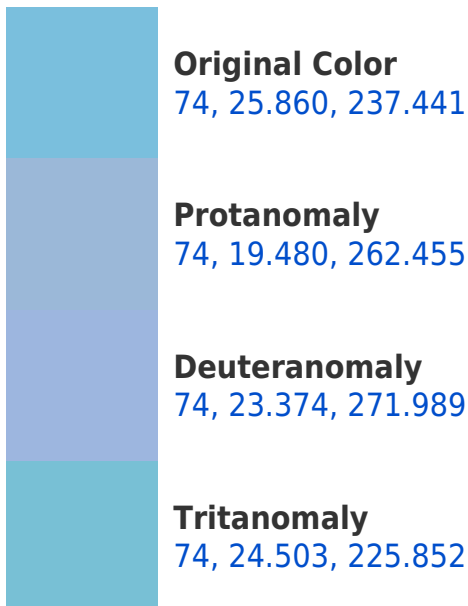
Dichromacy



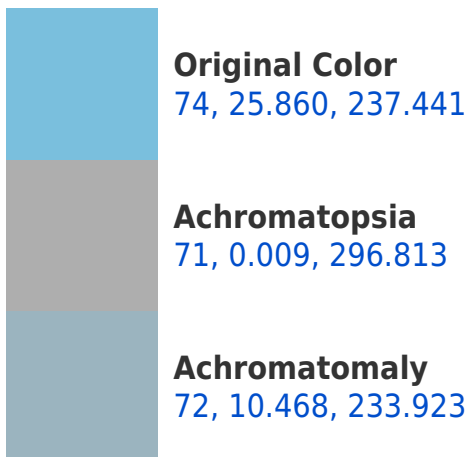


Tritanopia
74, 24.270, 218.927

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 25.860, 237.441 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(122, 191, 221)` looks like.

```
.text, #text, p{  
    color:rgb(122, 191, 221)  
}
```

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(122, 191, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 191, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 25.860, 237.441 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(122, 191, 221) }
```

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

```
.border{ border-color:rgb(122, 191, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 191, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 191, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 191, 221);  
box-shadow:4px 4px 4px 4px rgb(122, 191,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 25.860, 237.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 191, 221) }
```

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

```
.background{ background-color: rgb(122,  
191, 221) }
```

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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