

Converting Colors

CIELCh(74, 20.771, 243.593)

Have a look what the booklet for
CIELCh(74, 20.771, 243.593)
contains.

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Color

CIELCh(74, 20.781, 243.621)

Conversions

Conversions Part 1

Format	Color
Hex	8CBCD7
RGB	140, 188, 215
RGB Percent	55%, 74%, 84%
CMY	0.4492, 0.2610, 0.1550
CMYK	0.35, 0.13, 0.00, 0.16
HSL	202°, 49%, 70%
HSV	202°, 35%, 84%
XYZ	41.2959, 46.7039, 71.4400
YIQ	176.7260, -37.2750, -1.7790

Conversions

Conversions Part 2

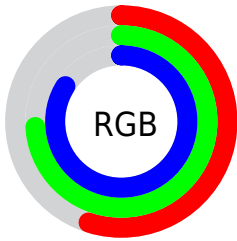
Format	Color
RYB	140, 169, 215
Decimal	9223383
CIELab	74.00, -9.23, -18.62
CIELCh	74, 20.781, 243.621
Yxy	46.7039, 0.2590, 0.2929
Android (android.graphics.Color)	4287413463 (0xFF8CBCD7)
YUV	176.7260, 18.8691, -32.2087
Hunter-Lab	68.3403, -11.7335, -14.1410

Details

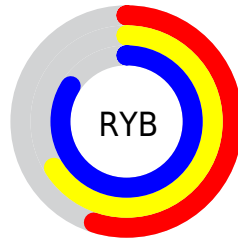
The CIELCh color **74, 20.781, 243.621** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72, 24.992, 56.059**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 16.514, 218.708**, and **54, 20.597, 243.148** is the 20% darker color. If you saturate the color by 10%, you get **71, 26.032, 245.686**, and if you desaturate by 10%, it is **77, 15.161, 241.950**.

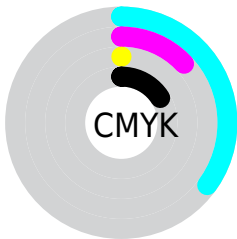
Distribution



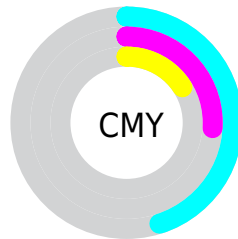
- Red (55%)
- Green (74%)
- Blue (84%)



- Red (55%)
- Yellow (66%)
- Blue (84%)



- Cyan (35%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)





- Cyan (45%)
- Magenta (26%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 20.781, 243.621 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, 20.781, 243.621 by changing the saturation by 10% instead.


 74, 20.781,
243.621


 74, 20.781,
243.621


 100, 20.781,
243.621


 64, 20.781,
243.621


 94, 20.781,
243.621

 54, 20.781,
243.621

 44, 20.781,
243.621

 34, 20.781,
243.621

 24, 20.781,
243.621

 14, 20.781,
243.621

 4, 20.781, 243.621

0, 20.781, 243.621

74, 20.781,
243.621

74, 20.781,
243.621

71, 26.032,
245.686

77, 15.161,
241.950

68, 30.870,
248.235

81, 9.232, 240.614

65, 35.275,
251.348

84, 3.053, 239.624

88, 3.321, 58.415

62, 39.272,
255.088

92, 9.841, 57.782

59, 42.945,
259.468

94, 12.476, 72.850

96, 14.640, 91.022

56, 46.445,
264.408

98, 17.851,

■ 55, 48.291,
267.024

103.482

■ 99, 19.983,
108.665

Harmonies

Complementary

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



74, 20.781, 243.621



72, 24.992, 56.059

Rectangle

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



74, 20.781, 243.621



74, 20.781, 293.621



74, 20.781, 63.621



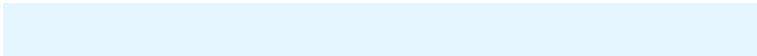
74, 20.781, 113.621

Sweetspot

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



74, 20.780, 243.618



96, 7.205, 240.092



80, 37.493, 153.353



51, 4.903, 240.241



0, 0.000, 0.000



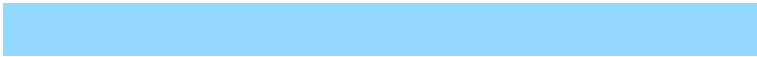
53, 0.007, 296.813

Same Dimension

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



74, 20.780, 243.618



83, 28.165, 245.146



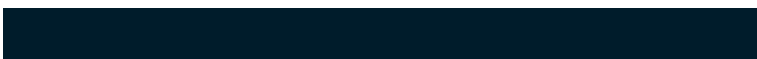
64, 35.610, 288.200



43, 3.554, 240.023



44, 40.179, 266.128



9, 14.065, 254.742

Inverse Universe

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



67, 37.872, 339.602



74, 52.069, 340.335



82, 33.662, 99.347



42, 6.093, 337.467



37, 66.082, 349.381



5, 25.414, 344.721

Previews

White Background



This preview shows how the CIE LCh color 74, 20.781, 243.621 looks on a white background.

Color Contrast Check

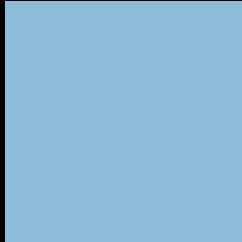
Large Text (above 18pt) WCAG AA × Fail

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, 20.781, 243.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

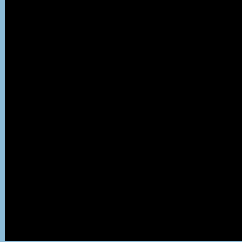
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 20.781, 243.621

Background



This preview shows how black text looks on a background with the CIELCh color 74, 20.781, 243.621.



This preview shows how white text looks on a background with the CIELCh color 74, 20.781, 243.621.

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

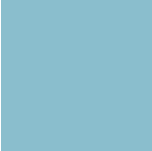
74, 20.781, 243.621

Protanopia

74, 16.290, 286.857

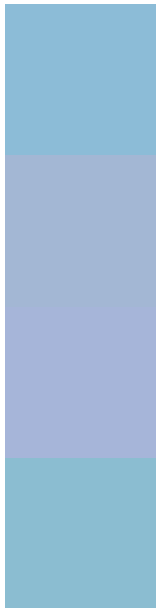
Deuteranopia

74, 22.326, 295.767



Tritanopia
74, 18.618, 224.310

Trichromacy



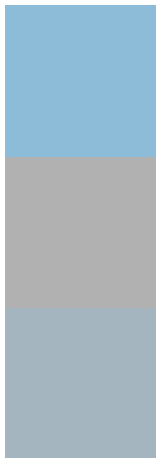
Original Color
74, 20.781, 243.621

Protanomaly
74, 16.896, 268.142

Deuteranomaly
74, 20.000, 277.508

Tritanomaly
74, 19.179, 233.024

Monochromacy



Original Color
74, 20.781, 243.621

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 8.024, 241.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 20.781, 243.621 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(140, 188, 215)` looks like.

```
.text, #text, p{  
    color:rgb(140, 188, 215)  
}
```

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(140, 188, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 188, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 20.781, 243.621 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(140, 188, 215) }
```

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

```
.border{ border-color:rgb(140, 188, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 188, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 188, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 188, 215);  
box-shadow:4px 4px 4px 4px rgb(140, 188,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 20.781, 243.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 188, 215) }
```

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

```
.background{ background-color: rgb(140,  
188, 215) }
```

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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