

Converting Colors

CIELCh(75, 22.840, 260.716)

Have a look what the booklet for
CIELCh(75, 22.840, 260.716)
contains.

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Color

CIELCh(75, 22.923, 260.066)

Conversions

Conversions Part 1

Format	Color
Hex	97BDE2
RGB	151, 189, 226
RGB Percent	59%, 74%, 89%
CMY	0.4091, 0.2601, 0.1150
CMYK	0.33, 0.16, 0.00, 0.12
HSL	210°, 56%, 74%
HSV	210°, 33%, 88%
XYZ	44.5130, 48.2781, 78.6843
YIQ	181.8560, -34.5250, 3.4510

Conversions

Conversions Part 2

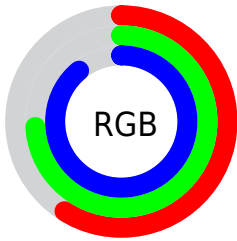
Format	Color
RYB	151, 176, 226
Decimal	9944546
CIELab	75.00, -3.95, -22.58
CIELCh	75, 22.923, 260.066
Yxy	48.2781, 0.2596, 0.2815
Android (android.graphics.Color)	4288134626 (0xFF97BDE2)
YUV	181.8560, 21.7630, -27.0607
Hunter-Lab	69.4824, -7.2408, -18.5043

Details

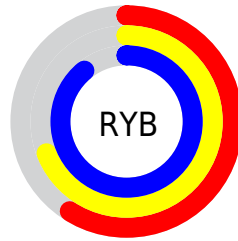
The CIELCh color `75, 22.923, 260.066` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `79, 25.266, 70.567`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 13.477, 221.255`, and `55, 23.105, 259.858` is the 20% darker color. If you saturate the color by 10%, you get `71, 29.558, 262.389`, and if you desaturate by 10%, it is `79, 16.146, 258.119`.

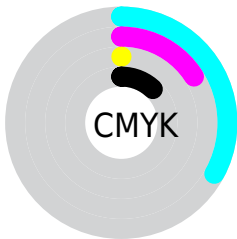
Distribution



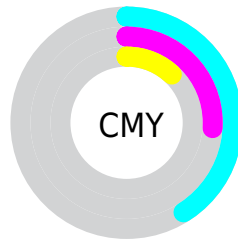
- Red (59%)
- Green (74%)
- Blue (89%)



- Red (59%)
- Yellow (69%)
- Blue (89%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)





- Cyan (41%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 22.923, 260.066 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 75, 22.923, 260.066 by changing the saturation by 10% instead.

 75, 22.923,
260.066


 75, 22.923,
260.066


 100, 22.923,
260.066


 65, 22.923,
260.066


 95, 22.923,
260.066

 55, 22.923,
260.066

 45, 22.923,
260.066

 35, 22.923,
260.066

 25, 22.923,
260.066

 15, 22.923,
260.066

 5, 22.923, 260.066

0, 22.923, 260.066

75, 22.923,
260.066

75, 22.923,
260.066

71, 29.558,
262.389

79, 16.146,
258.119

66, 36.044,
265.155

84, 9.254, 256.501

62, 42.395,
268.411

88, 2.275, 255.257

93, 4.762, 73.825

58, 48.664,
272.175

97, 10.267, 87.137

55, 54.940,
276.402

99, 14.841,
109.056

51, 61.335,
280.956

■ 49, 65.800,
284.033

Harmonies

Complementary

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



75, 22.923, 260.066



79, 25.266, 70.567

Rectangle

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



75, 22.923, 260.066



75, 22.923, 310.066



75, 22.923, 80.066



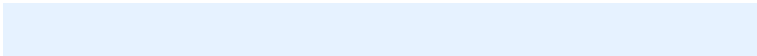
75, 22.923, 130.066

Sweetspot

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



75, 22.922, 260.064



95, 7.739, 256.053



84, 33.460, 159.634



50, 5.275, 256.249



0, 0.000, 0.000



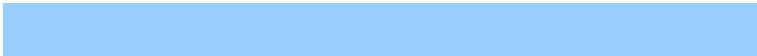
53, 0.007, 296.813

Same Dimension

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



75, 22.922, 260.064



80, 30.282, 261.658



65, 40.976, 293.783



45, 3.963, 255.968



38, 53.749, 283.222



8, 18.757, 273.912

Inverse Universe

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



71, 34.525, 346.435



75, 45.817, 347.290



88, 37.824, 106.241



44, 5.772, 344.030



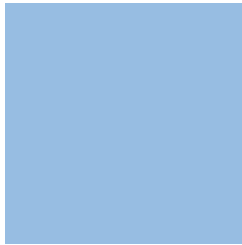
38, 64.252, 1.194



6, 26.500, 354.228

Previews

White Background



This preview shows how the CIE LCh color 75, 22.923, 260.066 looks on a white background.

Color Contrast Check

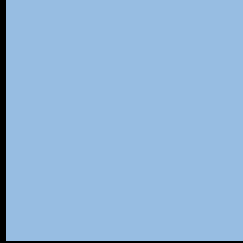
Large Text (above 18pt) WCAG AA × Fail

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 75, 22.923, 260.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

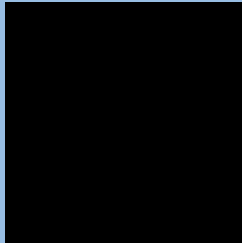
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

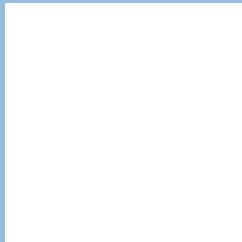
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 22.923, 260.066

Background



This preview shows how black text looks on a background with the CIELCh color 75, 22.923, 260.066.



This preview shows how white text looks on a background with the CIELCh color 75, 22.923, 260.066.

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

75, 22.923, 260.066

Protanopia

75, 21.135, 286.671

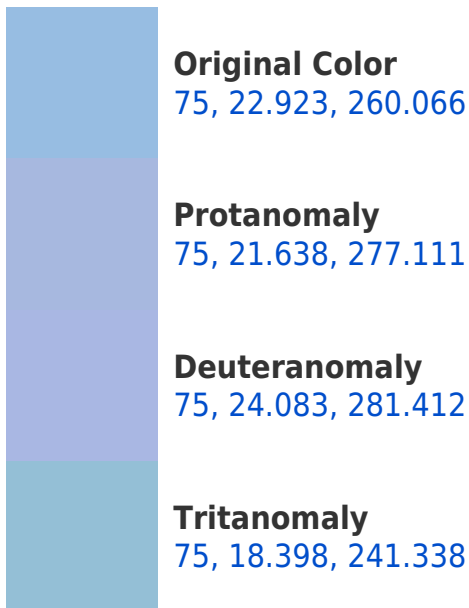
Deuteranopia

75, 25.434, 292.540

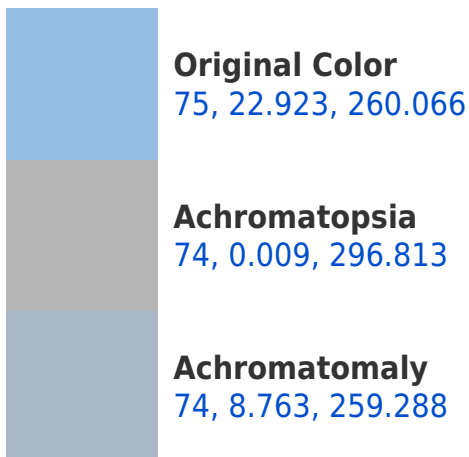


Tritanopia
75, 17.020, 227.006

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 22.923, 260.066 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(151, 189, 226)` looks like.

```
.text, #text, p{  
    color:rgb(151, 189, 226)  
}
```

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(151, 189, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 189, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 22.923, 260.066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

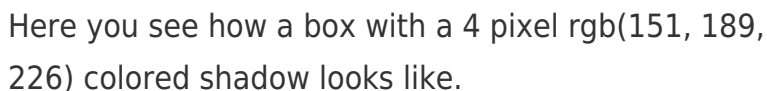
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 189, 226) }
```

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

```
.border{ border-color:rgb(151, 189, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 189, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 189, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 189, 226);  
box-shadow:4px 4px 4px 4px rgb(151, 189,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 22.923, 260.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 189, 226) }
```

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

```
.background{ background-color: rgb(151,  
189, 226) }
```

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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