

Converting Colors

CIELCh(75, 22.778, 259.401)

Have a look what the booklet for
CIELCh(75, 22.778, 259.401)
contains.

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Color

CIELCh(75, 22.635, 258.575)

Conversions

Conversions Part 1

Format	Color
Hex	96BDE1
RGB	150, 189, 225
RGB Percent	59%, 74%, 88%
CMY	0.4120, 0.2591, 0.1179
CMYK	0.33, 0.16, 0.00, 0.12
HSL	209°, 56%, 74%
HSV	209°, 33%, 88%
XYZ	44.3312, 48.2781, 78.1688
YIQ	181.4430, -34.8000, 2.9280

Conversions

Conversions Part 2

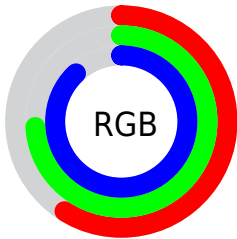
Format	Color
R _Y B	150, 176, 225
Decimal	9879009
CIE Lab	75.00, -4.48, -22.19
CIE LCh	75, 22.635, 258.575
Yxy	48.2781, 0.2596, 0.2827
Android (android.graphics.Color)	4288069089 (0xFF96BDE1)
YUV	181.4430, 21.4736, -27.5755
Hunter-Lab	69.4824, -7.7076, -18.0644

Details

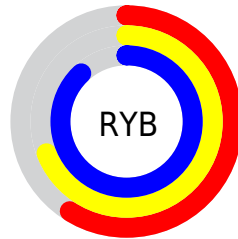
The CIELCh color **75, 22.635, 258.575** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78, 25.157, 69.167**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 13.768, 220.737**, and **55, 22.795, 258.300** is the 20% darker color. If you saturate the color by 10%, you get **71, 29.114, 260.892**, and if you desaturate by 10%, it is **79, 15.990, 256.638**.

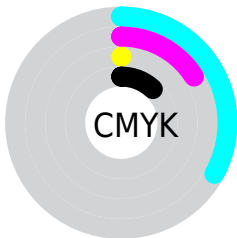
Distribution



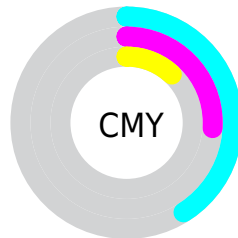
- Red (59%)
- Green (74%)
- Blue (88%)



- Red (59%)
- Yellow (69%)
- Blue (88%)



- 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, 22.635, 258.575 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, 22.635, 258.575 by changing the saturation by 10% instead.

■ 75, 22.635,
258.575

■ 75, 22.635,
258.575

■ 100, 22.635,
258.575

■ 65, 22.635,
258.575

■ 95, 22.635,
258.575

■ 55, 22.635,
258.575

■ 45, 22.635,
258.575

■ 35, 22.635,
258.575

■ 25, 22.635,
258.575

■ 15, 22.635,
258.575

■ 5, 22.635, 258.575

0, 22.635, 258.575

75, 22.635,
258.575

75, 22.635,
258.575

71, 29.114,
260.892

79, 15.990,
256.638

67, 35.419,
263.659

84, 9.210, 255.032

63, 41.559,
266.926

88, 2.325, 253.802

92, 4.632, 72.379

59, 47.585,
270.713

96, 10.170, 83.710

55, 53.587,
274.980

99, 14.580,
107.230

52, 59.687,
279.595

99, 15.211,
109.028

■ 50, 63.876,
282.669

Harmonies

Complementary

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



75, 22.635, 258.575



78, 25.157, 69.167

Rectangle

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



75, 22.635, 258.575



75, 22.635, 308.575



75, 22.635, 78.575



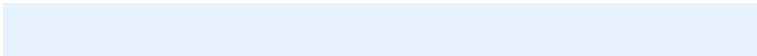
75, 22.635, 128.575

Sweetspot

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



75, 22.634, 258.573



95, 7.661, 254.574



84, 33.930, 158.788



50, 5.221, 254.768



0, 0.000, 0.000



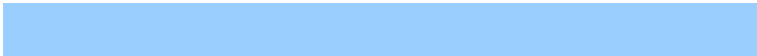
53, 0.007, 296.813

Same Dimension

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



75, 22.634, 258.573



81, 29.848, 260.137



65, 40.273, 293.155



45, 3.923, 254.491



39, 52.331, 281.852



8, 18.341, 272.413

Inverse Universe

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



70, 34.825, 345.695



75, 46.164, 346.518



87, 37.268, 105.486



44, 5.824, 343.320



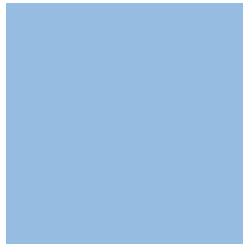
38, 64.428, 359.951



6, 26.644, 353.236

Previews

White Background



This preview shows how the CIE LCh color 75, 22.635, 258.575 looks on a white background.

Color Contrast Check

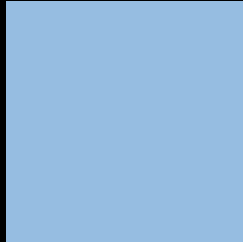
Large Text (above 18pt) WCAG AA × Fail

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, 22.635, 258.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

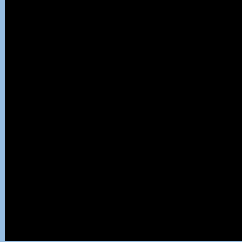
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

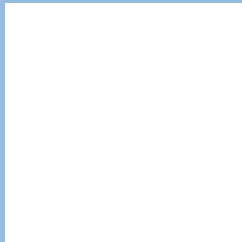
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 22.635, 258.575

Background



This preview shows how black text looks on a background with the CIELCh color 75, 22.635, 258.575.



This preview shows how white text looks on a background with the CIELCh color 75, 22.635, 258.575.

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, 22.635, 258.575

Protanopia

75, 21.135, 286.671

Deuteranopia

75, 25.434, 292.540

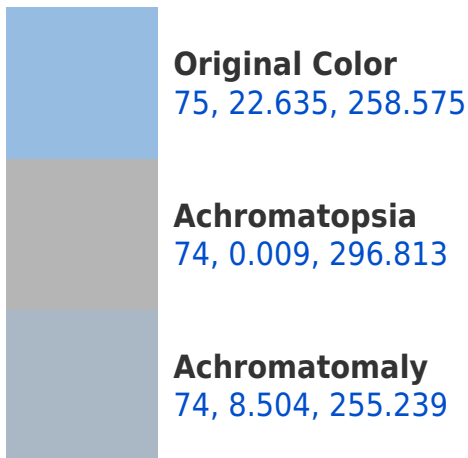


Tritanopia
75, 17.020, 227.006

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 22.635, 258.575 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(150, 189, 225)` looks like.

```
.text, #text, p{  
    color:rgb(150, 189, 225)  
}
```

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(150, 189, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 189, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 22.635, 258.575 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(150, 189, 225) }
```

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

```
.border{ border-color:rgb(150, 189, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 189, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 189, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 189, 225);  
box-shadow:4px 4px 4px 4px rgb(150, 189,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 22.635, 258.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 189, 225) }
```

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

```
.background{ background-color: rgb(150,  
189, 225) }
```

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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