

Converting Colors

CIELCh(77, 18.554, 226.508)

Have a look what the booklet for
CIELCh(77, 18.554, 226.508)
contains.

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Color

CIELCh(77, 18.483, 226.229)

Conversions

Conversions Part 1

Format	Color
Hex	93C6D6
RGB	147, 198, 214
RGB Percent	58%, 78%, 84%
CMY	0.4230, 0.2230, 0.1602
CMYK	0.31, 0.07, 0.00, 0.16
HSL	194°, 45%, 71%
HSV	194°, 31%, 84%
XYZ	44.4405, 51.5317, 71.3192
YIQ	184.5750, -35.5320, -5.8360

Conversions

Conversions Part 2

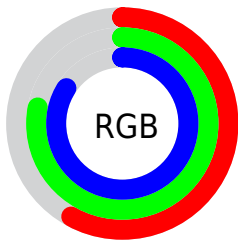
Format	Color
RYB	147, 176, 214
Decimal	9684694
CIELab	77.00, -12.79, -13.35
CIELCh	77, 18.483, 226.229
Yxy	51.5317, 0.2656, 0.3080
Android (android.graphics.Color)	4287874774 (0xFF93C6D6)
YUV	184.5750, 14.5065, -32.9533
Hunter-Lab	71.7856, -15.1205, -8.6548

Details

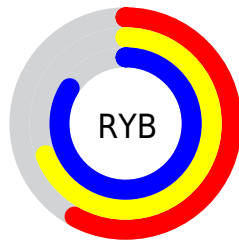
The CIELCh color `77, 18.483, 226.229` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `71, 22.797, 43.187`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 17.181, 198.366`, and `57, 18.351, 226.098` is the 20% darker color. If you saturate the color by 10%, you get `74, 23.460, 227.415`, and if you desaturate by 10%, it is `80, 12.992, 225.331`.

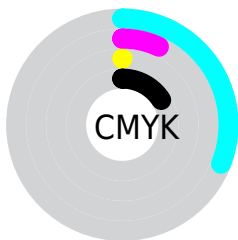
Distribution



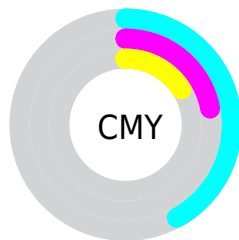
- Red (58%)
- Green (78%)
- Blue (84%)



- Red (58%)
- Yellow (69%)
- Blue (84%)



- Cyan (31%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (42%)
- Magenta (22%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 18.483, 226.229 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 77, 18.483, 226.229 by changing the saturation by 10% instead.

 77, 18.483,
226.229

 77, 18.483,
226.229


 100, 18.483,
226.229


 67, 18.483,
226.229


 97, 18.483,
226.229

 57, 18.483,
226.229

 47, 18.483,
226.229

 37, 18.483,
226.229

 27, 18.483,
226.229

 17, 18.483,
226.229

 7, 18.483, 226.229

0, 18.483, 226.229

77, 18.483,
226.229

77, 18.483,
226.229

74, 23.460,
227.415

80, 12.992,
225.331

72, 27.837,
228.973

82, 7.079, 224.690

70, 31.541,
230.981

85, 0.829, 224.788

88, 5.684, 43.657

68, 34.536,
233.533

91, 12.393, 43.461

66, 36.839,
236.713

93, 12.347, 57.461

94, 12.838, 71.743

64, 38.540,
240.579

95, 14.051, 84.206

■ 63, 39.728,
244.394

■ 96, 15.812, 94.238

Harmonies

Complementary

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



77, 18.483, 226.229



71, 22.797, 43.187

Rectangle

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



77, 18.483, 226.229



77, 18.483, 276.229



77, 18.483, 46.229



77, 18.483, 96.229

Sweetspot

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



77, 18.483, 226.225



97, 6.539, 224.585



80, 36.733, 149.268



51, 4.527, 224.653



0, 0.000, 0.000



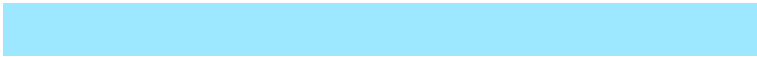
53, 0.007, 296.813

Same Dimension

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



77, 18.483, 226.225



88, 25.178, 227.034



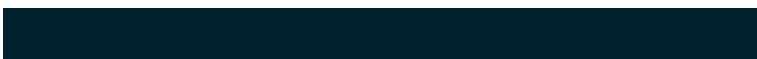
68, 27.473, 280.790



44, 3.576, 224.600



51, 33.451, 243.616



11, 12.729, 234.281

Inverse Universe

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



69, 36.818, 334.030



77, 51.279, 334.556



80, 27.004, 92.222



42, 6.644, 332.497



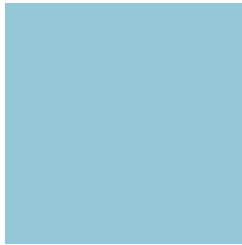
38, 71.336, 340.523



6, 27.648, 337.782

Previews

White Background



This preview shows how the CIELCh color 77, 18.483, 226.229 looks on a white background.

Color Contrast Check

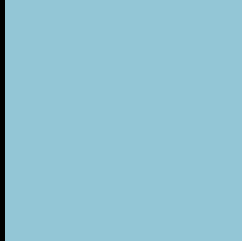
Large Text (above 18pt) WCAG AA × Fail

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 77, 18.483, 226.229 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

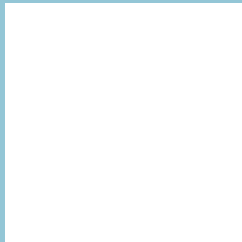
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 18.483, 226.229

Background



This preview shows how black text looks on a background with the CIELCh color 77, 18.483, 226.229.



This preview shows how white text looks on a background with the CIELCh color 77, 18.483, 226.229.

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](#).

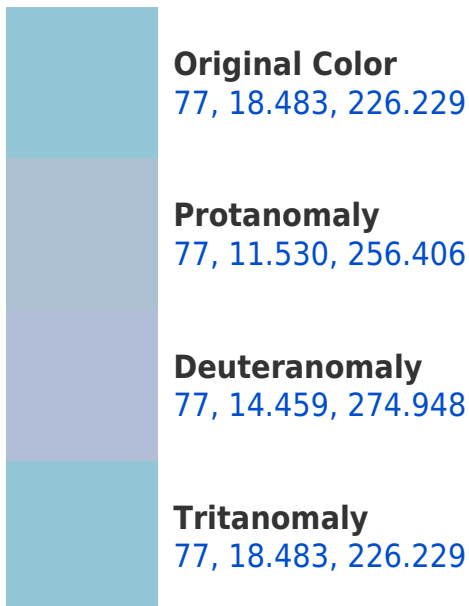
Dichromacy





Tritanopia
77, 18.483, 226.229

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 18.483, 226.229 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(147, 198, 214)` looks like.

```
.text, #text, p{  
    color:rgb(147, 198, 214)  
}
```

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(147, 198, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 198, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 18.483, 226.229 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(147, 198, 214) }
```

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

```
.border{ border-color:rgb(147, 198, 214) }
```

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

Here you see how a box with a 4 pixel rgb(147, 198, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 198, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 198, 214);  
box-shadow:4px 4px 4px 4px rgb(147, 198,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 18.483, 226.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 198, 214) }
```

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

```
.background{ background-color: rgb(147,  
198, 214) }
```

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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