

Converting Colors

CIELCh(77, 19.725, 225.358)

Have a look what the booklet for
CIELCh(77, 19.725, 225.358)
contains.

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Color

CIELCh(77, 19.771, 224.171)

Conversions

Conversions Part 1

Format	Color
Hex	8FC7D7
RGB	143, 199, 215
RGB Percent	56%, 78%, 84%
CMY	0.4396, 0.2200, 0.1573
CMYK	0.34, 0.07, 0.00, 0.16
HSL	193°, 47%, 70%
HSV	193°, 34%, 84%
XYZ	43.9630, 51.5317, 71.8498
YIQ	184.0800, -38.5120, -6.8960

Conversions

Conversions Part 2

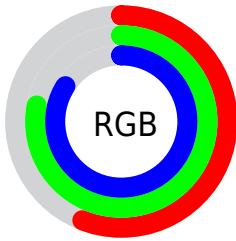
Format	Color
RYB	143, 175, 215
Decimal	9422807
CIELab	77.00, -14.18, -13.78
CIElCh	77, 19.771, 224.171
Yxy	51.5317, 0.2627, 0.3079
Android (android.graphics.Color)	4287612887 (0xFF8FC7D7)
YUV	184.0800, 15.2436, -36.0272
Hunter-Lab	71.7856, -16.3078, -9.0931

Details

The CIELCh color **77, 19.771, 224.171** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 24.914, 41.484**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.406, 198.288**, and **57, 19.815, 223.724** is the 20% darker color. If you saturate the color by 10%, you get **75, 24.624, 225.308**, and if you desaturate by 10%, it is **80, 14.363, 223.320**.

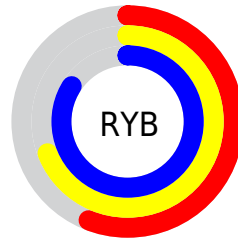
Distribution



Red (56%)

Green (78%)

Blue (84%)



Red (56%)

Yellow (69%)

Blue (84%)

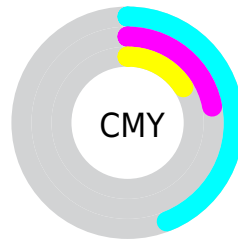


Cyan (34%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (44%)


Magenta (22%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 19.771, 224.171 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, 19.771, 224.171 by changing the saturation by 10% instead.


 77, 19.771,
224.171


 77, 19.771,
224.171


 100, 19.771,
224.171


 67, 19.771,
224.171


 97, 19.771,
224.171

 57, 19.771,
224.171

 47, 19.771,
224.171

 37, 19.771,
224.171

 27, 19.771,
224.171

 17, 19.771,
224.171

 7, 19.771, 224.171

0, 19.771, 224.171

77, 19.771,
224.171

77, 19.771,
224.171

75, 24.624,
225.308

80, 14.363,
223.320

72, 28.833,
226.812

82, 8.496, 222.718

70, 32.327,
228.762

85, 2.259, 222.451

88, 4.267, 41.756

68, 35.073,
231.248

91, 11.010, 41.633

66, 37.097,
234.355

92, 12.125, 52.320

93, 12.306, 66.222

65, 38.502,
238.132

95, 13.174, 78.950

■ 64, 39.232,
240.848

■ 96, 14.601, 89.599

Harmonies

Complementary

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



77, 19.771, 224.171



70, 24.914, 41.484

Rectangle

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



77, 19.771, 224.171



77, 19.771, 274.171



77, 19.771, 44.171



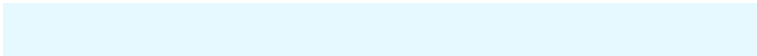
77, 19.771, 94.171

Sweetspot

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



77, 19.771, 224.167



97, 7.293, 222.568



80, 39.899, 148.469



51, 4.958, 222.627



0, 0.000, 0.000



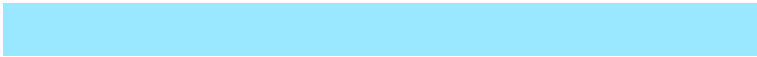
53, 0.007, 296.813

Same Dimension

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



77, 19.771, 224.167



88, 26.373, 224.917



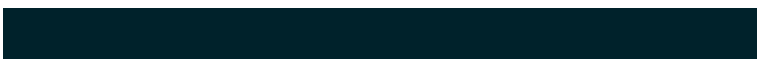
67, 28.971, 280.097



44, 3.599, 222.543



51, 32.977, 240.100



11, 12.674, 231.328

Inverse Universe

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



68, 39.945, 333.541



76, 54.471, 334.042



79, 28.599, 90.706



42, 6.723, 331.883



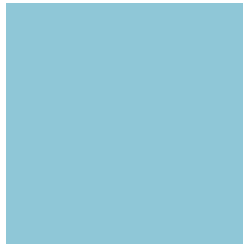
38, 72.188, 339.458



6, 27.985, 336.948

Previews

White Background



This preview shows how the CIE LCh color 77, 19.771, 224.171 looks on a white background.

Color Contrast Check

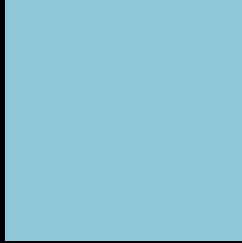
Large Text (above 18pt) WCAG AA × Fail

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, 19.771, 224.171 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

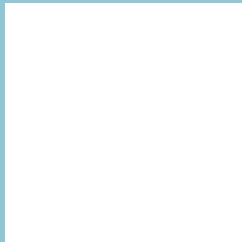
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 19.771, 224.171

Background



This preview shows how black text looks on a background with the CIELCh color 77, 19.771, 224.171.



This preview shows how white text looks on a background with the CIELCh color 77, 19.771, 224.171.

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

77, 19.771, 224.171

Protanopia

77, 10.757, 289.294

Deuteranopia

77, 18.093, 301.754



Tritanopia
77, 19.771, 224.171

Trichromacy



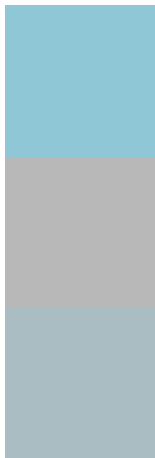
Original Color
77, 19.771, 224.171

Protanomaly
77, 12.324, 255.316

Deuteranomaly
77, 15.249, 271.960

Tritanomaly
77, 19.771, 224.171

Monochromacy



Original Color
77, 19.771, 224.171

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 7.732, 223.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 19.771, 224.171 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(143, 199, 215)` looks like.

```
.text, #text, p{  
    color:rgb(143, 199, 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(143, 199, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 199, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 19.771, 224.171 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(143, 199, 215) }
```

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

```
.border{ border-color:rgb(143, 199, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 199, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 199, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 199, 215);  
box-shadow:4px 4px 4px 4px rgb(143, 199,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 19.771, 224.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 199, 215) }
```

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

```
.background{ background-color: rgb(143,  
199, 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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