

Converting Colors

CIELCh(75, 24.478, 231.438)

Have a look what the booklet for
CIELCh(75, 24.478, 231.438)
contains.

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Color

CIELCh(75, 24.412, 231.977)

Conversions

Conversions Part 1

Format	Color
Hex	7EC2DB
RGB	126, 194, 219
RGB Percent	49%, 76%, 86%
CMY	0.5049, 0.2382, 0.1402
CMYK	0.42, 0.11, 0.00, 0.14
HSL	196°, 57%, 68%
HSV	196°, 42%, 86%
XYZ	40.8092, 48.2781, 74.3620
YIQ	176.5180, -48.5530, -6.6410

Conversions

Conversions Part 2

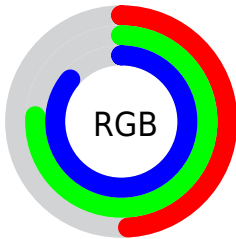
Format	Color
RYB	126, 165, 219
Decimal	8307419
CIELab	75.00, -15.04, -19.23
CIELCh	75, 24.412, 231.977
Yxy	48.2781, 0.2497, 0.2954
Android (android.graphics.Color)	4286497499 (0xFF7EC2DB)
YUV	176.5180, 20.9436, -44.3043
Hunter-Lab	69.4824, -16.7558, -14.8161

Details

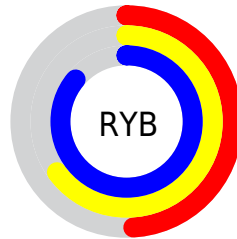
The CIELCh color **75, 24.412, 231.977** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 32.533, 46.132**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 22.152, 203.431**, and **55, 24.436, 232.518** is the 20% darker color. If you saturate the color by 10%, you get **72, 28.888, 233.831**, and if you desaturate by 10%, it is **78, 19.359, 230.529**.

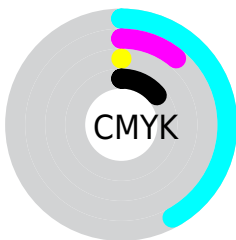
Distribution



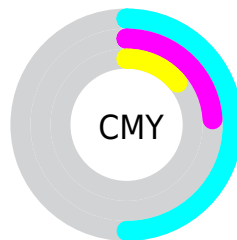
- Red (49%)
- Green (76%)
- Blue (86%)



- Red (49%)
- Yellow (65%)
- Blue (86%)



- Cyan (42%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)





- Cyan (50%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 24.412, 231.977 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, 24.412, 231.977 by changing the saturation by 10% instead.

 75, 24.412,
231.977

 75, 24.412,
231.977

 100, 24.412,
231.977

 65, 24.412,
231.977


 95, 24.412,
231.977

 55, 24.412,
231.977

 45, 24.412,
231.977

 35, 24.412,
231.977

 25, 24.412,
231.977

 15, 24.412,
231.977

 5, 24.412, 231.977

0, 24.412, 231.977

75, 24.412,
231.977

75, 24.412,
231.977

72, 28.888,
233.831

78, 19.359,
230.529

70, 32.728,
236.187

81, 13.811,
229.415

68, 35.910,
239.138

84, 7.852, 228.580

87, 1.564, 228.203

65, 38.472,
242.760

90, 4.982, 47.232

63, 40.530,
247.082

93, 10.785, 49.424

62, 41.928,
250.689

94, 11.007, 68.712

■ 96, 12.366, 85.372

■ 97, 14.534, 97.825

Harmonies

Complementary

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



75, 24.412, 231.977



69, 32.533, 46.132

Rectangle

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



75, 24.412, 231.977



75, 24.412, 281.977



75, 24.412, 51.977



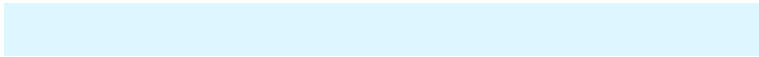
75, 24.412, 101.977

Sweetspot

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



75, 24.411, 231.975



95, 9.278, 228.629



80, 49.110, 149.256



50, 6.457, 228.796



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, 24.411, 231.975



83, 31.915, 233.628



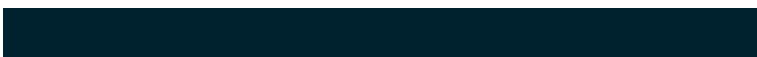
62, 40.198, 285.169



45, 3.616, 228.385



50, 34.997, 249.838



11, 13.397, 240.238

Inverse Universe

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



65, 49.391, 336.133



70, 66.032, 336.903



80, 38.525, 93.133



43, 6.630, 333.650



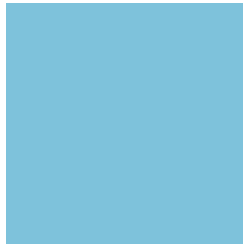
39, 70.622, 342.564



6, 28.619, 339.529

Previews

White Background



This preview shows how the CIELCh color 75, 24.412, 231.977 looks on a white background.

Color Contrast Check

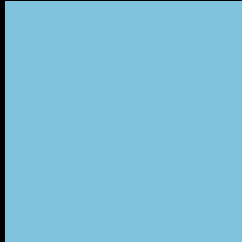
Large Text (above 18pt) WCAG AA × Fail

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, 24.412, 231.977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

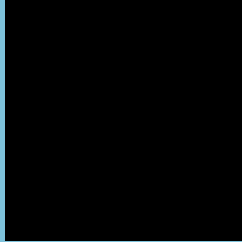
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 24.412, 231.977

Background



This preview shows how black text looks on a background with the CIELCh color 75, 24.412, 231.977.

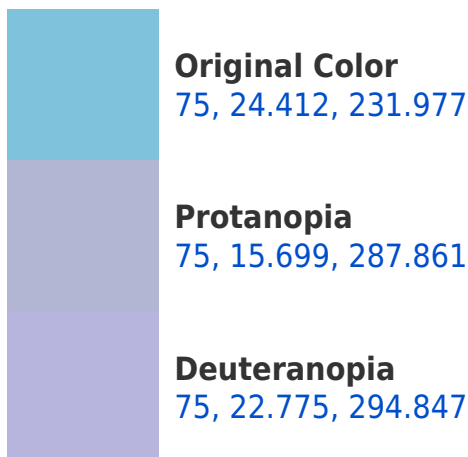


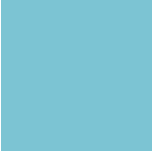
This preview shows how white text looks on a background with the CIELCh color 75, 24.412, 231.977.

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](#).

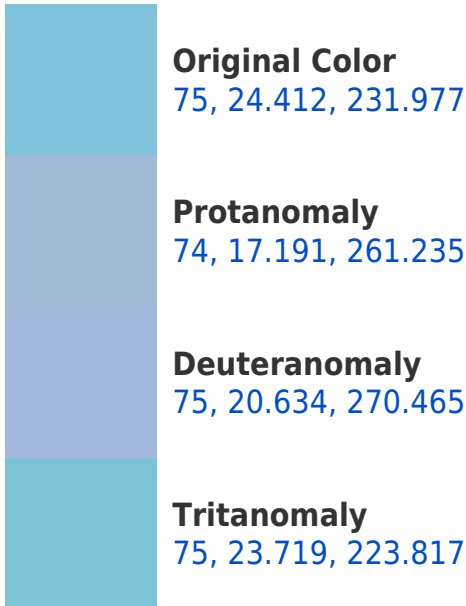
Dichromacy



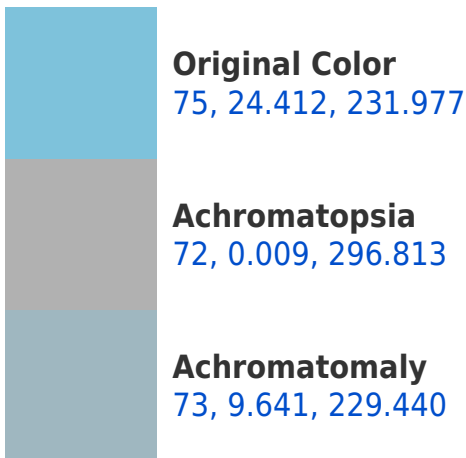


Tritanopia
75, 23.683, 218.030

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 24.412, 231.977 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(126, 194, 219)` looks like.

```
.text, #text, p{  
    color:rgb(126, 194, 219)  
}
```

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(126, 194, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 194, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 24.412, 231.977 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(126, 194, 219) }
```

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

```
.border{ border-color:rgb(126, 194, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 194, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 194, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 194, 219);  
box-shadow:4px 4px 4px 4px rgb(126, 194,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 24.412, 231.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 194, 219) }
```

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

```
.background{ background-color: rgb(126,  
194, 219) }
```

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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