

Converting Colors

CIELCh(79, 24.324, 234.071)

Have a look what the booklet for
CIELCh(79, 24.324, 234.071)
contains.

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Color

CIELCh(79, 24.169, 233.576)

Conversions

Conversions Part 1

Format	Color
Hex	8BCDE7
RGB	139, 205, 231
RGB Percent	55%, 80%, 91%
CMY	0.4548, 0.1960, 0.0941
CMYK	0.40, 0.11, 0.00, 0.09
HSL	197°, 66%, 73%
HSV	197°, 40%, 91%
XYZ	46.9090, 54.9284, 83.7404
YIQ	188.2300, -47.6820, -5.9060

Conversions

Conversions Part 2

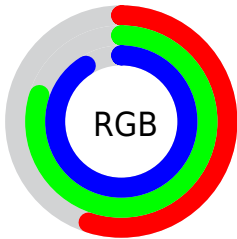
Format	Color
RYB	139, 177, 231
Decimal	9162215
CIELab	79.00, -14.35, -19.45
CIELCh	79, 24.169, 233.576
Yxy	54.9284, 0.2528, 0.2960
Android (android.graphics.Color)	4287352295 (0xFF8BCDE7)
YUV	188.2300, 21.0856, -43.1747
Hunter-Lab	74.1137, -16.7205, -15.1117

Details

The CIELCh color **79, 24.169, 233.576** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 31.387, 47.565**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.314, 198.231**, and **59, 23.971, 232.800** is the 20% darker color. If you saturate the color by 10%, you get **76, 29.045, 235.429**, and if you desaturate by 10%, it is **82, 18.731, 232.123**.

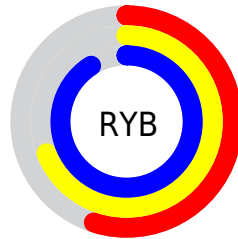
Distribution



Red (55%)

Green (80%)

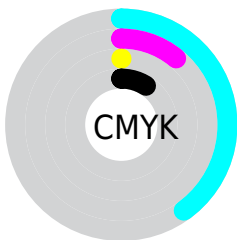
Blue (91%)



Red (55%)

Yellow (69%)

Blue (91%)

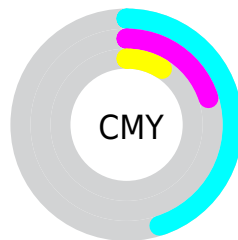


Cyan (40%)

Magenta (11%)

Yellow (0%)

Black (9%)



Cyan (45%)


Magenta (20%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 24.169, 233.576 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 79, 24.169, 233.576 by changing the saturation by 10% instead.


 79, 24.169,
233.576

 79, 24.169,
233.576


 100, 24.169,
233.576


 69, 24.169,
233.576


 99, 24.169,
233.576

 59, 24.169,
233.576

 49, 24.169,
233.576

 39, 24.169,
233.576

 29, 24.169,
233.576

 19, 24.169,
233.576

 9, 24.169, 233.576

0, 24.169, 233.576

79, 24.169,
233.576

79, 24.169,
233.576

76, 29.045,
235.429

82, 18.731,
232.123

73, 33.297,
237.778

85, 12.815,
231.000

71, 36.894,
240.715

88, 6.507, 230.161

92, 0.115, 44.412

68, 39.864,
244.322

95, 6.977, 48.783

66, 42.317,
248.632

97, 7.755, 79.303

64, 44.486,
253.498

98, 10.109,
100.580

■ 64, 44.525,
253.583

■ 99, 12.140,
109.260

Harmonies

Complementary

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



79, 24.169, 233.576



73, 31.387, 47.565

Rectangle

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



79, 24.169, 233.576



79, 24.169, 283.576



79, 24.169, 53.576



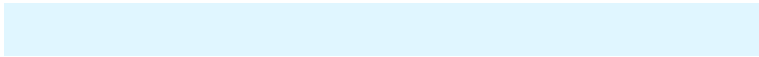
79, 24.169, 103.576

Sweetspot

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



79, 24.168, 233.573



96, 8.567, 230.324



85, 48.221, 149.541



51, 5.665, 230.427



0, 0.000, 0.000



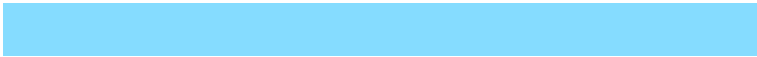
53, 0.007, 296.813

Same Dimension

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



79, 24.168, 233.573



84, 30.520, 235.108



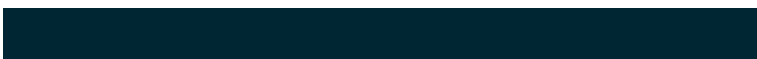
67, 39.233, 284.636



46, 3.745, 230.136



50, 36.460, 252.663



13, 14.515, 243.836

Inverse Universe

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



69, 48.079, 336.522



72, 61.994, 337.253



84, 37.741, 93.450



45, 6.816, 334.197



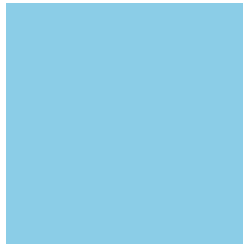
40, 71.467, 343.570



8, 30.857, 340.595

Previews

White Background



This preview shows how the CIELCh color 79, 24.169, 233.576 looks on a white background.

Color Contrast Check

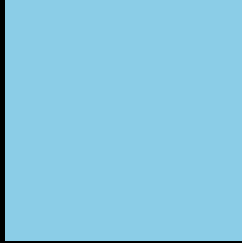
Large Text (above 18pt) WCAG AA × Fail

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 79, 24.169, 233.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

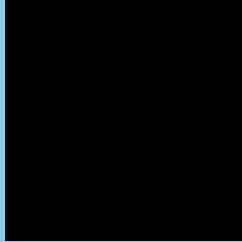
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 24.169, 233.576

Background



This preview shows how black text looks on a background with the CIELCh color 79, 24.169, 233.576.



This preview shows how white text looks on a background with the CIELCh color 79, 24.169, 233.576.

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

79, 24.169, 233.576

Protanopia

79, 16.063, 287.952

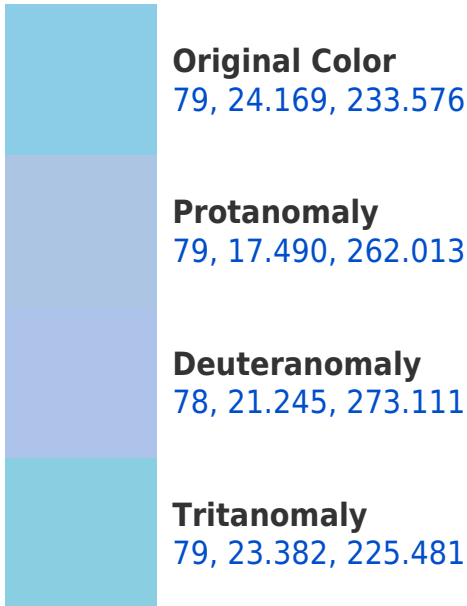
Deuteranopia

79, 23.639, 295.537

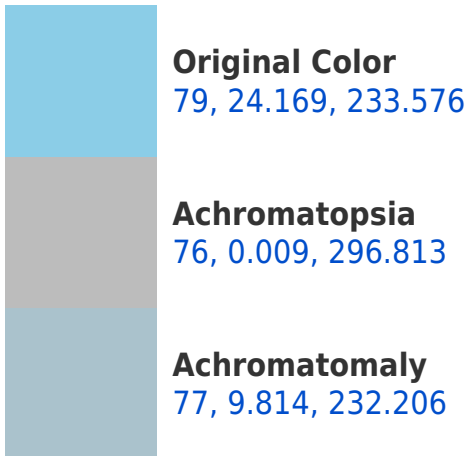


Tritanopia
79, 23.164, 221.283

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 24.169, 233.576 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(139, 205, 231)` looks like.

```
.text, #text, p{  
    color:rgb(139, 205, 231)  
}
```

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(139, 205, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 205, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 24.169, 233.576 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(139, 205, 231) }
```

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

```
.border{ border-color:rgb(139, 205, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 205, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 205, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 205, 231);  
box-shadow:4px 4px 4px 4px rgb(139, 205,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 24.169, 233.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 205, 231) }
```

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

```
.background{ background-color: rgb(139,  
205, 231) }
```

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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