

Converting Colors

CIELCh(79, 24.191, 220.717)

Have a look what the booklet for
CIELCh(79, 24.191, 220.717)
contains.

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Color

CIElCh(79, 24.136, 220.219)

Conversions

Conversions Part 1

Format	Color
Hex	86CFE0
RGB	134, 207, 224
RGB Percent	53%, 81%, 88%
CMY	0.4754, 0.1892, 0.1225
CMYK	0.40, 0.08, 0.00, 0.12
HSL	191°, 59%, 70%
HSV	191°, 40%, 88%
XYZ	45.4711, 54.9284, 78.5557
YIQ	187.1110, -48.9650, -10.1890

Conversions

Conversions Part 2

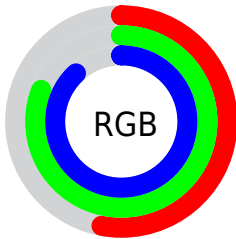
Format	Color
RYB	134, 174, 224
Decimal	8835040
CIELab	79.00, -18.43, -15.58
CIElCh	79, 24.136, 220.219
Yxy	54.9284, 0.2541, 0.3069
Android (android.graphics.Color)	4287025120 (0xFF86CFE0)
YUV	187.1110, 18.1863, -46.5783
Hunter-Lab	74.1137, -20.1836, -10.9639

Details

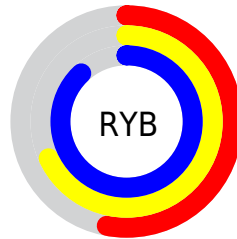
The CIELCh color **79, 24.136, 220.219** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 32.416, 38.410**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.805, 198.137**, and **59, 24.256, 219.716** is the 20% darker color. If you saturate the color by 10%, you get **77, 28.686, 221.311**, and if you desaturate by 10%, it is **81, 18.904, 219.419**.

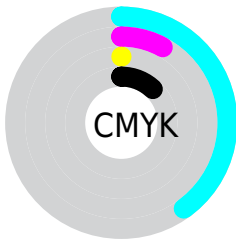
Distribution



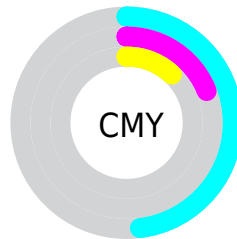
- Red (53%)
- Green (81%)
- Blue (88%)



- Red (53%)
- Yellow (68%)
- Blue (88%)



- Cyan (40%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)





- Cyan (48%)
- Magenta (19%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 24.136, 220.219 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, 24.136, 220.219 by changing the saturation by 10% instead.


 79, 24.136,
220.219

 79, 24.136,
220.219


 100, 24.136,
220.219

 69, 24.136,
220.219


 99, 24.136,
220.219

 59, 24.136,
220.219

 49, 24.136,
220.219

 39, 24.136,
220.219

 29, 24.136,
220.219

 19, 24.136,
220.219

 9, 24.136, 220.219

0, 24.136, 220.219

79, 24.136,
220.219

79, 24.136,
220.219

77, 28.686,
221.311

81, 18.904,
219.419

75, 32.465,
222.772

84, 13.094,
218.863

73, 35.414,
224.679

86, 6.810, 218.520

71, 37.526,
227.114

89, 0.152, 222.108

70, 38.869,
230.147

92, 6.797, 37.975

68, 39.653,
233.642

94, 9.418, 46.878

95, 9.389, 62.916

■ 96, 10.074, 77.837

■ 97, 11.338, 90.094

Harmonies

Complementary

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



79, 24.136, 220.219



69, 32.416, 38.410

Rectangle

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



79, 24.136, 220.219



79, 24.136, 270.219



79, 24.136, 40.219



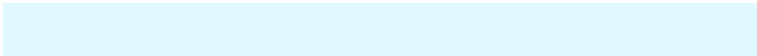
79, 24.136, 90.219

Sweetspot

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



79, 24.136, 220.216



96, 8.848, 218.567



82, 50.497, 146.642



51, 5.848, 218.605



0, 0.000, 0.000



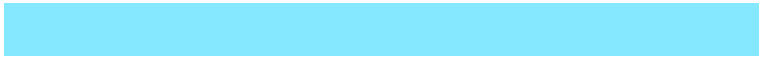
53, 0.007, 296.813

Same Dimension

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



79, 24.136, 220.216



87, 30.786, 221.081



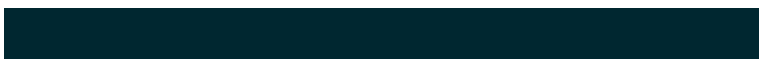
67, 34.696, 279.174



46, 3.801, 218.503



55, 33.099, 232.982



14, 13.542, 226.298

Inverse Universe

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



67, 50.393, 332.747



72, 65.992, 333.315



80, 34.640, 87.205



44, 7.153, 330.697



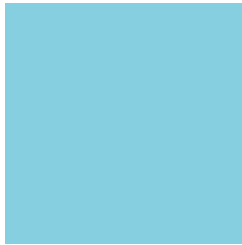
40, 75.583, 337.445



7, 31.616, 335.669

Previews

White Background



This preview shows how the CIELCh color 79, 24.136, 220.219 looks on a white background.

Color Contrast Check

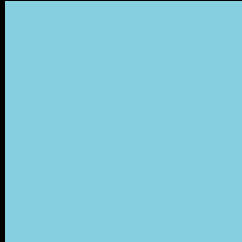
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 24.136, 220.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

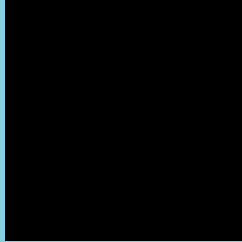
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 24.136, 220.219

Background



This preview shows how black text looks on a background with the CIELCh color 79, 24.136, 220.219.



This preview shows how white text looks on a background with the CIELCh color 79, 24.136, 220.219.

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, 24.136, 220.219

Protanopia

79, 11.773, 289.542

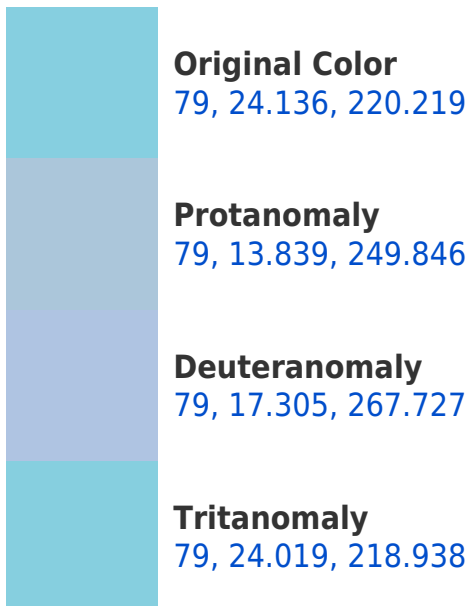
Deuteranopia

79, 20.060, 299.807



Tritanopia
79, 24.019, 218.938

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 24.136, 220.219 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(134, 207, 224)` looks like.

```
.text, #text, p{  
    color:rgb(134, 207, 224)  
}
```

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(134, 207, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 207, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 24.136, 220.219 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(134, 207, 224) }
```

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

```
.border{ border-color:rgb(134, 207, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 207, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 207, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 207, 224);  
box-shadow:4px 4px 4px 4px rgb(134, 207,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 24.136, 220.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 207, 224) }
```

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

```
.background{ background-color: rgb(134,  
207, 224) }
```

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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