

Converting Colors

CIELCh(79, 25.535, 219.555)

Have a look what the booklet for
CIELCh(79, 25.535, 219.555)
contains.

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Color

CIELCh(79, 25.443, 220.267)

Conversions

Conversions Part 1

Format	Color
Hex	81CFE1
RGB	129, 207, 225
RGB Percent	51%, 81%, 88%
CMY	0.4928, 0.1870, 0.1164
CMYK	0.43, 0.08, 0.00, 0.12
HSL	191°, 62%, 70%
HSV	191°, 43%, 88%
XYZ	45.1286, 54.9284, 79.6912
YIQ	185.7300, -52.2660, -10.9380

Conversions

Conversions Part 2

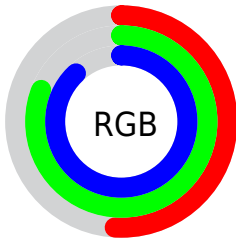
Format	Color
RYB	129, 172, 225
Decimal	8507361
CIELab	79.00, -19.41, -16.45
CIELCh	79, 25.443, 220.267
Yxy	54.9284, 0.2511, 0.3056
Android (android.graphics.Color)	4286697441 (0xFF81CFE1)
YUV	185.7300, 19.3601, -49.7522
Hunter-Lab	74.1137, -21.0085, -11.8724

Details

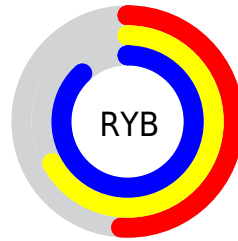
The CIELCh color **79, 25.443, 220.267** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 34.905, 38.392**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 22.269, 198.045**, and **59, 25.553, 219.848** is the 20% darker color. If you saturate the color by 10%, you get **77, 29.839, 221.429**, and if you desaturate by 10%, it is **81, 20.335, 219.411**.

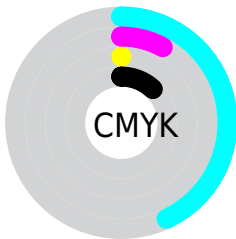
Distribution



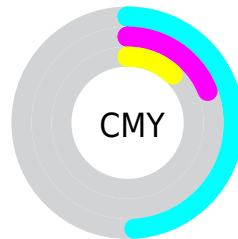
- Red (51%)
- Green (81%)
- Blue (88%)



- Red (51%)
- Yellow (67%)
- Blue (88%)



- Cyan (43%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)





- Cyan (49%)
- Magenta (19%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 25.443, 220.267 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, 25.443, 220.267 by changing the saturation by 10% instead.

 79, 25.443,
220.267

 79, 25.443,
220.267


 100, 25.443,
220.267


 69, 25.443,
220.267


 99, 25.443,
220.267

 59, 25.443,
220.267

 49, 25.443,
220.267

 39, 25.443,
220.267

 29, 25.443,
220.267

 19, 25.443,
220.267

 9, 25.443, 220.267

0, 25.443, 220.267

79, 25.443,
220.267

79, 25.443,
220.267

77, 29.839,
221.429

81, 20.335,
219.411

75, 33.440,
222.976

84, 14.619,
218.810

73, 36.197,
224.987

86, 8.400, 218.422

71, 38.118,
227.542

89, 1.781, 218.421

70, 39.291,
230.702

92, 5.151, 37.822

69, 39.844,
233.367

94, 8.986, 44.594

95, 8.873, 61.479

■ 96, 9.518, 77.345

■ 97, 10.779, 90.296

Harmonies

Complementary

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



79, 25.443, 220.267



68, 34.905, 38.392

Rectangle

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



79, 25.443, 220.267



79, 25.443, 270.267



79, 25.443, 40.267



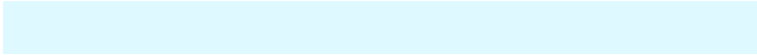
79, 25.443, 90.267

Sweetspot

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



79, 25.443, 220.264



96, 9.566, 218.436



82, 53.673, 146.374



51, 6.652, 218.507



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, 25.443, 220.264



86, 32.204, 221.264



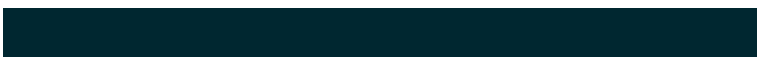
66, 37.050, 279.726



46, 3.804, 218.347



55, 33.085, 232.695



14, 13.543, 226.059

Inverse Universe

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



67, 53.563, 332.864



71, 69.702, 333.478



80, 36.955, 86.873



44, 7.160, 330.651



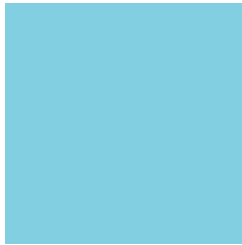
40, 75.657, 337.367



7, 31.645, 335.608

Previews

White Background



This preview shows how the CIELCh color 79, 25.443, 220.267 looks on a white background.

Color Contrast Check

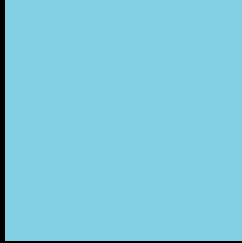
Large Text (above 18pt) WCAG AA × Fail

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, 25.443, 220.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

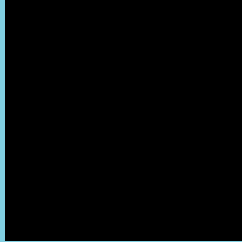
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 25.443, 220.267

Background



This preview shows how black text looks on a background with the CIELCh color 79, 25.443, 220.267.



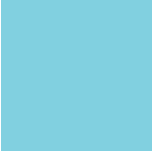
This preview shows how white text looks on a background with the CIELCh color 79, 25.443, 220.267.

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



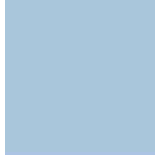


Tritanopia
79, 25.465, 217.593

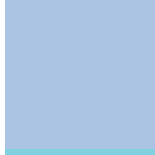
Trichromacy



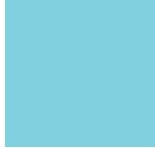
Original Color
79, 25.443, 220.267



Protanomaly
78, 14.631, 249.367



Deuteranomaly
78, 18.626, 266.501

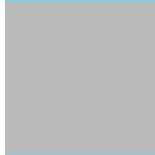


Tritanomaly
79, 25.465, 217.593

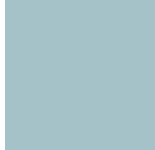
Monochromacy



Original Color
79, 25.443, 220.267



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 10.540, 216.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 25.443, 220.267 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(129, 207, 225)` looks like.

```
.text, #text, p{  
    color:rgb(129, 207, 225)  
}
```

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(129, 207, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 207, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 25.443, 220.267 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(129, 207, 225) }
```

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

```
.border{ border-color:rgb(129, 207, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 207, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 207, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 207, 225);  
box-shadow:4px 4px 4px 4px rgb(129, 207,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 25.443, 220.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 207, 225) }
```

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

```
.background{ background-color: rgb(129,  
207, 225) }
```

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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