

Converting Colors

CIELCh(79, 22.601, 229.809)

Have a look what the booklet for
CIELCh(79, 22.601, 229.809)
contains.

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Color

CIELCh(79, 22.596, 229.787)

Conversions

Conversions Part 1

Format	Color
Hex	8ECDE3
RGB	142, 205, 227
RGB Percent	56%, 80%, 89%
CMY	0.4433, 0.1963, 0.1100
CMYK	0.37, 0.10, 0.00, 0.11
HSL	196°, 60%, 72%
HSV	196°, 37%, 89%
XYZ	46.8242, 54.9284, 80.7709
YIQ	188.6710, -44.6100, -6.5140

Conversions

Conversions Part 2

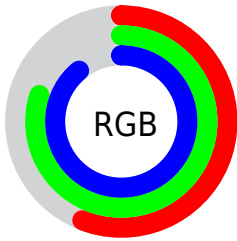
Format	Color
RYB	142, 178, 227
Decimal	9358819
CIELab	79.00, -14.59, -17.26
CIElCh	79, 22.596, 229.787
Yxy	54.9284, 0.2565, 0.3009
Android (android.graphics.Color)	4287548899 (0xFF8ECDE3)
YUV	188.6710, 18.8962, -40.9305
Hunter-Lab	74.1137, -16.9247, -12.7361

Details

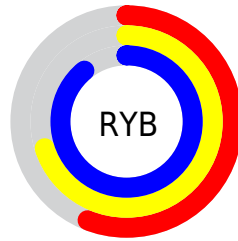
The CIELCh color **79, 22.596, 229.787** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 29.088, 45.180**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.709, 198.269**, and **59, 22.718, 229.775** is the 20% darker color. If you saturate the color by 10%, you get **76, 27.468, 231.358**, and if you desaturate by 10%, it is **82, 17.153, 228.573**.

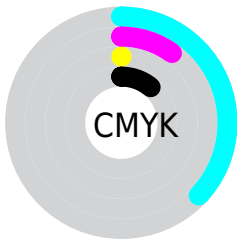
Distribution



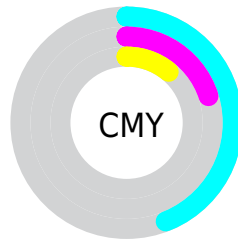
- Red (56%)
- Green (80%)
- Blue (89%)



- Red (56%)
- Yellow (70%)
- Blue (89%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)





- Cyan (44%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 22.596, 229.787 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, 22.596, 229.787 by changing the saturation by 10% instead.

 79, 22.596,
229.787

 79, 22.596,
229.787


 100, 22.596,
229.787


 69, 22.596,
229.787


 99, 22.596,
229.787

 59, 22.596,
229.787

 49, 22.596,
229.787

 39, 22.596,
229.787

 29, 22.596,
229.787

 19, 22.596,
229.787

 9, 22.596, 229.787

0, 22.596, 229.787

79, 22.596,
229.787

79, 22.596,
229.787

76, 27.468,
231.358

82, 17.153,
228.573

74, 31.694,
233.377

85, 11.229,
227.656

71, 35.224,
235.937

88, 4.915, 227.012

69, 38.061,
239.128

91, 1.709, 46.024

67, 40.280,
243.012

94, 8.427, 46.364

65, 42.054,
247.564

96, 8.643, 70.979

97, 10.248, 90.898

■ 65, 42.500,
248.753

■ 99, 12.715,
104.184

■ 99, 14.193,
109.105

Harmonies

Complementary

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



79, 22.596, 229.787



73, 29.088, 45.180

Rectangle

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



79, 22.596, 229.787



79, 22.596, 279.787



79, 22.596, 49.787



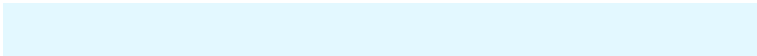
79, 22.596, 99.787

Sweetspot

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



79, 22.595, 229.784



96, 7.906, 227.209



84, 45.360, 149.208



51, 5.295, 227.295



0, 0.000, 0.000



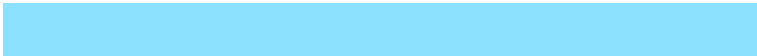
53, 0.007, 296.813

Same Dimension

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



79, 22.595, 229.784



85, 28.904, 230.983



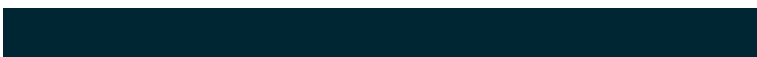
68, 35.487, 283.107



47, 3.762, 227.115



52, 35.338, 247.923



13, 14.267, 239.554

Inverse Universe

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



70, 45.396, 335.315



73, 59.367, 335.946



83, 34.469, 92.599



45, 6.933, 333.263



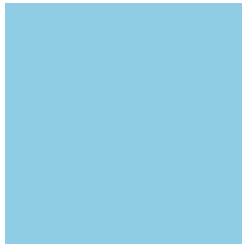
40, 72.624, 341.912



8, 31.319, 339.298

Previews

White Background



This preview shows how the CIELCh color 79, 22.596, 229.787 looks on a white background.

Color Contrast Check

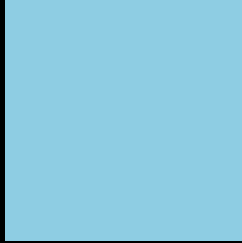
Large Text (above 18pt) WCAG AA × Fail

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, 22.596, 229.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

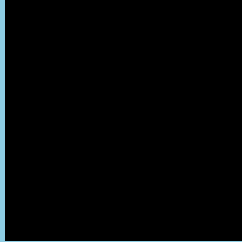
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 22.596, 229.787

Background



This preview shows how black text looks on a background with the CIELCh color 79, 22.596, 229.787.



This preview shows how white text looks on a background with the CIELCh color 79, 22.596, 229.787.

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, 22.596, 229.787

Protanopia

79, 13.917, 288.581

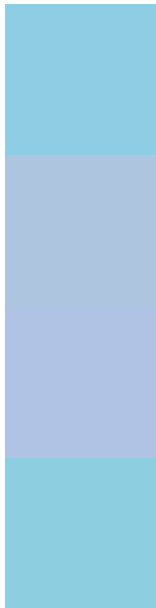
Deuteranopia

79, 21.605, 298.416



Tritanopia
79, 22.033, 221.070

Trichromacy



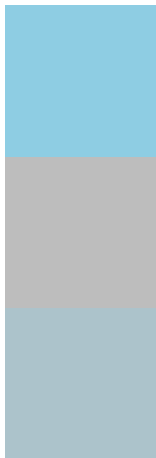
Original Color
79, 22.596, 229.787

Protanomaly
79, 15.391, 259.780

Deuteranomaly
78, 18.970, 273.436

Tritanomaly
79, 22.328, 223.802

Monochromacy



Original Color
79, 22.596, 229.787

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 9.030, 227.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 22.596, 229.787 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(142, 205, 227)` looks like.

```
.text, #text, p{  
    color:rgb(142, 205, 227)  
}
```

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(142, 205, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 205, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 22.596, 229.787 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(142, 205, 227) }
```

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

```
.border{ border-color:rgb(142, 205, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 205, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 205, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 205, 227); box-shadow:4px 4px 4px 4px rgb(142, 205, 227) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 22.596, 229.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 205, 227) }
```

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

```
.background{ background-color: rgb(142,  
205, 227) }
```

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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