

Converting Colors

CIELCh(79, 21.473, 247.342)

Have a look what the booklet for
CIELCh(79, 21.473, 247.342)
contains.

CIELCh(79, 21.462, 247.316)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 21.462, 247.316)

Conversions

Conversions Part 1

Format	Color
Hex	9BCAE8
RGB	155, 202, 232
RGB Percent	61%, 79%, 91%
CMY	0.3928, 0.2085, 0.0909
CMYK	0.33, 0.13, 0.00, 0.09
HSL	203°, 62%, 76%
HSV	203°, 33%, 91%
XYZ	49.1055, 54.9284, 84.2272
YIQ	191.3670, -37.6420, -0.6340

Conversions

Conversions Part 2

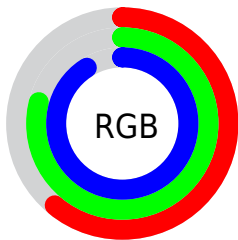
Format	Color
RYB	155, 184, 232
Decimal	10210024
CIELab	79.00, -8.28, -19.80
CIELCh	79, 21.462, 247.316
Yxy	54.9284, 0.2608, 0.2918
Android (android.graphics.Color)	4288400104 (0xFF9BCAE8)
YUV	191.3670, 20.0321, -31.8939
Hunter-Lab	74.1137, -11.4301, -15.5011

Details

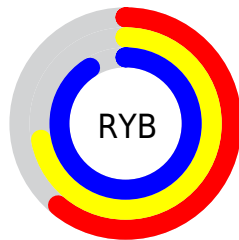
The CIELCh color `79, 21.462, 247.316` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `79, 25.169, 59.410`, and the grayscale version is `77, 0.009, 296.813`.

A 20% lighter version of the original color is `97, 14.683, 198.527`, and `59, 21.342, 246.911` is the 20% darker color. If you saturate the color by 10%, you get `75, 27.296, 249.444`, and if you desaturate by 10%, it is `83, 15.295, 245.579`.

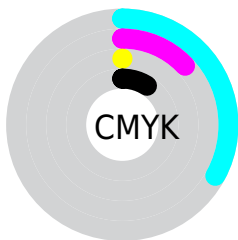
Distribution



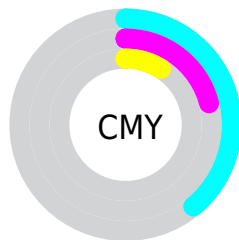
- Red (61%)
- Green (79%)
- Blue (91%)



- Red (61%)
- Yellow (72%)
- Blue (91%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)





- Cyan (39%)
- Magenta (21%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 21.462, 247.316 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, 21.462, 247.316 by changing the saturation by 10% instead.


 79, 21.462,
247.316


 79, 21.462,
247.316


 100, 21.462,
247.316


 69, 21.462,
247.316


 99, 21.462,
247.316

 59, 21.462,
247.316

 49, 21.462,
247.316

 39, 21.462,
247.316

 29, 21.462,
247.316

 19, 21.462,
247.316

 9, 21.462, 247.316

0, 21.462, 247.316

79, 21.462,
247.316

79, 21.462,
247.316

75, 27.296,
249.444

83, 15.295,
245.579

72, 32.757,
252.050

87, 8.852, 244.179

68, 37.830,
255.208

91, 2.186, 243.185

95, 4.650, 61.884

65, 42.543,
258.973

97, 8.225, 88.939

62, 46.986,
263.350

99, 11.730,
109.291

59, 51.308,
268.249

■ 57, 54.298,
271.681

Harmonies

Complementary

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



79, 21.462, 247.316



79, 25.169, 59.410

Rectangle

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



79, 21.462, 247.316



79, 21.462, 297.316



79, 21.462, 67.316



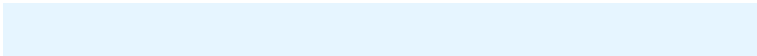
79, 21.462, 117.316

Sweetspot

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



79, 21.461, 247.313



96, 7.273, 243.802



86, 37.011, 154.928



50, 4.951, 243.966



0, 0.000, 0.000



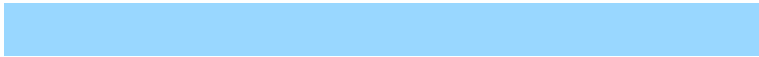
53, 0.007, 296.813

Same Dimension

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



79, 21.461, 247.313



83, 27.493, 248.758



69, 37.397, 289.557



46, 3.796, 243.735



44, 44.063, 270.741



11, 16.501, 261.281

Inverse Universe

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



73, 37.627, 340.902



75, 48.765, 341.607



88, 35.183, 101.370



45, 6.316, 338.820



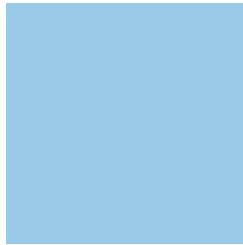
39, 67.218, 351.921



7, 29.010, 347.092

Previews

White Background



This preview shows how the CIELCh color 79, 21.462, 247.316 looks on a white background.

Color Contrast Check

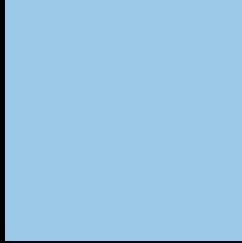
Large Text (above 18pt) WCAG AA × Fail

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, 21.462, 247.316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

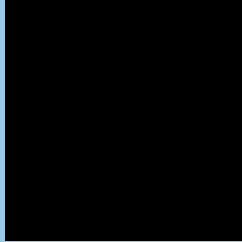
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 21.462, 247.316

Background



This preview shows how black text looks on a background with the CIELCh color 79, 21.462, 247.316.



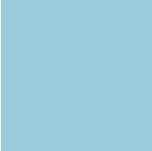
This preview shows how white text looks on a background with the CIELCh color 79, 21.462, 247.316.

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, 18.700, 225.713

Trichromacy



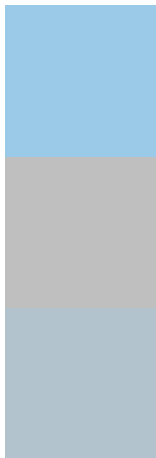
Original Color
79, 21.462, 247.316

Protanomaly
79, 18.056, 271.188

Deuteranomaly
79, 20.766, 278.180

Tritanomaly
79, 19.319, 234.199

Monochromacy



Original Color
79, 21.462, 247.316

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 8.282, 244.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 21.462, 247.316 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(155, 202, 232)` looks like.

```
.text, #text, p{  
    color:rgb(155, 202, 232)  
}
```

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(155, 202, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 202, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 21.462, 247.316 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(155, 202, 232) }
```

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

```
.border{ border-color:rgb(155, 202, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 202, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 202, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 202, 232);  
box-shadow:4px 4px 4px 4px rgb(155, 202,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 21.462, 247.316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 202, 232) }
```

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

```
.background{ background-color: rgb(155,  
202, 232) }
```

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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