

Converting Colors

CIELCh(79, 17.742, 226.581)

Have a look what the booklet for
CIELCh(79, 17.742, 226.581)
contains.

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Color

CIELCh(79, 17.664, 227.552)

Conversions

Conversions Part 1

Format	Color
Hex	9BCBDB
RGB	155, 203, 219
RGB Percent	61%, 80%, 86%
CMY	0.3913, 0.2031, 0.1403
CMYK	0.29, 0.07, 0.00, 0.14
HSL	195°, 47%, 73%
HSV	195°, 29%, 86%
XYZ	47.7793, 54.9284, 75.2519
YIQ	190.4720, -33.7440, -5.2000

Conversions

Conversions Part 2

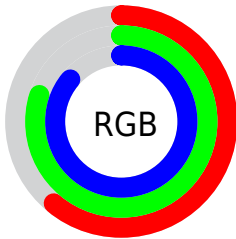
Format	Color
R _{YB}	155, 182, 219
Decimal	10210267
CIE Lab	79.00, -11.92, -13.03
CIE LCh	79, 17.664, 227.552
Yxy	54.9284, 0.2685, 0.3087
Android (android.graphics.Color)	4288400347 (0xFF9BCBDB)
YUV	190.4720, 14.0643, -31.1089
Hunter-Lab	74.1137, -14.6244, -8.3209

Details

The CIELCh color **79, 17.664, 227.552** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 21.390, 44.392**, 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, 17.576, 227.323** is the 20% darker color. If you saturate the color by 10%, you get **76, 22.859, 228.752**, and if you desaturate by 10%, it is **82, 11.977, 226.639**.

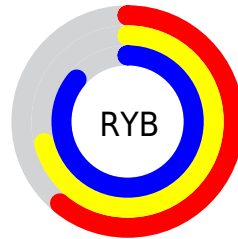
Distribution



Red (61%)

Green (80%)

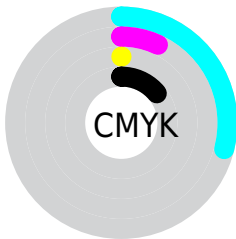
Blue (86%)



Red (61%)

Yellow (71%)

Blue (86%)

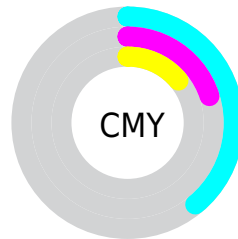


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (14%)



Cyan (39%)


Magenta (20%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 17.664, 227.552 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, 17.664, 227.552 by changing the saturation by 10% instead.


 79, 17.664,
227.552

 79, 17.664,
227.552


 100, 17.664,
227.552


 69, 17.664,
227.552


 99, 17.664,
227.552

 59, 17.664,
227.552

 49, 17.664,
227.552

 39, 17.664,
227.552

 29, 17.664,
227.552

 19, 17.664,
227.552

 9, 17.664, 227.552

0, 17.664, 227.552

79, 17.664,
227.552

79, 17.664,
227.552

76, 22.859,
228.752

82, 11.977,
226.639

74, 27.474,
230.320

85, 5.888, 225.991

71, 31.436,
232.338

88, 0.521, 44.292

91, 7.176, 44.916

69, 34.700,
234.897

93, 10.746, 52.796

67, 37.276,
238.087

94, 11.111, 70.584

96, 12.436, 85.817

65, 39.245,
241.968

97, 14.451, 97.396

■ 63, 40.815,
246.459

■ 99, 16.900,
105.819

■ 63, 40.943,
246.822

Harmonies

Complementary

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



79, 17.664, 227.552



74, 21.390, 44.392

Rectangle

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



79, 17.664, 227.552



79, 17.664, 277.552



79, 17.664, 47.552



79, 17.664, 97.552

Sweetspot

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



79, 17.664, 227.547



97, 6.515, 225.985



82, 34.960, 149.467



51, 4.511, 226.061



0, 0.000, 0.000



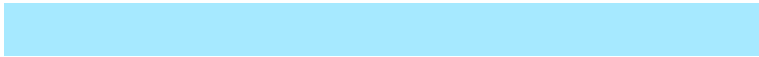
53, 0.007, 296.813

Same Dimension

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



79, 17.664, 227.547



89, 23.425, 228.243



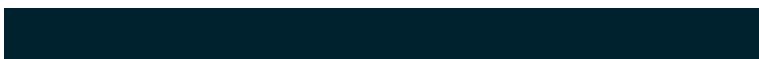
71, 26.063, 280.409



45, 3.633, 226.003



51, 34.219, 246.004



12, 13.258, 236.876

Inverse Universe

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



72, 34.769, 334.324



79, 46.990, 334.781



82, 25.657, 92.486



43, 6.720, 332.922



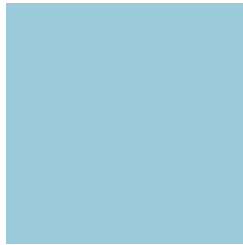
39, 71.543, 341.281



6, 28.991, 338.532

Previews

White Background



This preview shows how the CIELCh color 79, 17.664, 227.552 looks on a white background.

Color Contrast Check

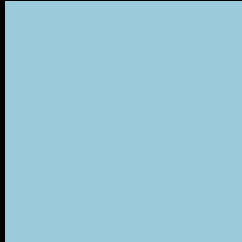
Large Text (above 18pt) WCAG AA × Fail

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, 17.664, 227.552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

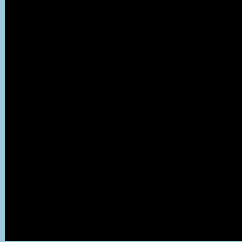
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

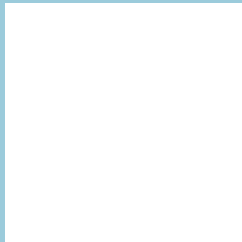
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 17.664, 227.552

Background



This preview shows how black text looks on a background with the CIELCh color 79, 17.664, 227.552.



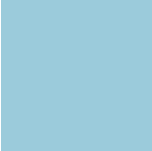
This preview shows how white text looks on a background with the CIELCh color 79, 17.664, 227.552.

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, 17.664, 227.552

Trichromacy



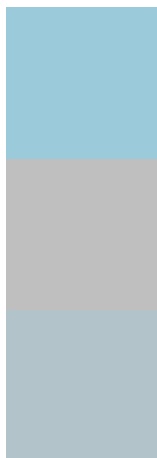
Original Color
79, 17.664, 227.552

Protanomaly
79, 11.304, 257.775

Deuteranomaly
79, 14.309, 276.190

Tritanomaly
79, 17.664, 227.552

Monochromacy



Original Color
79, 17.664, 227.552

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 6.772, 227.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 17.664, 227.552 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, 203, 219)` looks like.

```
.text, #text, p{  
    color:rgb(155, 203, 219)  
}
```

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, 203, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 203, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 17.664, 227.552 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, 203, 219) }
```

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

```
.border{ border-color:rgb(155, 203, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 203, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 203, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 203, 219);  
box-shadow:4px 4px 4px 4px rgb(155, 203,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 17.664, 227.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 203, 219) }
```

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

```
.background{ background-color: rgb(155,  
203, 219) }
```

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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