

Converting Colors

CIELCh(78, 20.318, 218.468)

Have a look what the booklet for
CIELCh(78, 20.318, 218.468)
contains.

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Color

CIELCh(78, 20.236, 220.062)

Conversions

Conversions Part 1

Format	Color
Hex	8FCAD8
RGB	143, 202, 216
RGB Percent	56%, 79%, 85%
CMY	0.4381, 0.2067, 0.1518
CMYK	0.34, 0.06, 0.00, 0.15
HSL	192°, 49%, 71%
HSV	192°, 34%, 85%
XYZ	44.9955, 53.2120, 73.0597
YIQ	185.9550, -39.6580, -8.1540

Conversions

Conversions Part 2

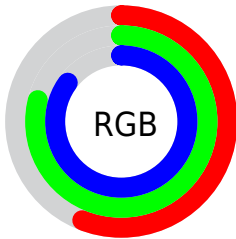
Format	Color
RYB	143, 176, 216
Decimal	9423576
CIELab	78.00, -15.49, -13.02
CIELCh	78, 20.236, 220.062
Yxy	53.2120, 0.2627, 0.3107
Android (android.graphics.Color)	4287613656 (0xFF8FCAD8)
YUV	185.9550, 14.8122, -37.6715
Hunter-Lab	72.9466, -17.5527, -8.3194

Details

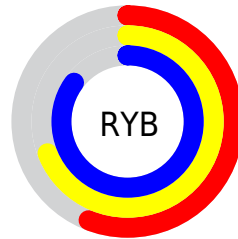
The CIELCh color **78, 20.236, 220.062** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 25.707, 38.479**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.406, 198.288**, and **58, 20.272, 219.394** is the 20% darker color. If you saturate the color by 10%, you get **76, 25.105, 220.972**, and if you desaturate by 10%, it is **80, 14.773, 219.406**.

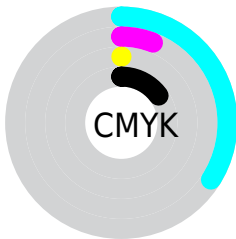
Distribution



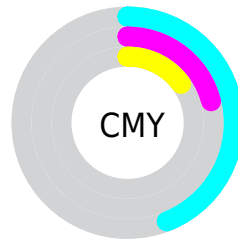
- Red (56%)
- Green (79%)
- Blue (85%)



- Red (56%)
- Yellow (69%)
- Blue (85%)



- Cyan (34%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)





- Cyan (44%)
- Magenta (21%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 20.236, 220.062 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 78, 20.236, 220.062 by changing the saturation by 10% instead.


 78, 20.236,
220.062


 78, 20.236,
220.062


 100, 20.236,
220.062


 68, 20.236,
220.062


 98, 20.236,
220.062

 58, 20.236,
220.062

 48, 20.236,
220.062

 38, 20.236,
220.062

 28, 20.236,
220.062

 18, 20.236,
220.062

 8, 20.236, 220.062

0, 20.236, 220.062

78, 20.236,
220.062

78, 20.236,
220.062

76, 25.105,
220.972

80, 14.773,
219.406

74, 29.283,
222.209

83, 8.819, 218.972

72, 32.693,
223.843

85, 2.469, 218.838

88, 4.189, 38.288

70, 35.294,
225.955

91, 11.078, 38.291

68, 37.101,
228.626

92, 11.760, 48.342

93, 11.707, 60.941

67, 38.210,
231.914

94, 12.216, 73.029

■ 66, 38.692,
234.205

■ 95, 13.216, 83.679

Harmonies

Complementary

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



78, 20.236, 220.062



70, 25.707, 38.479

Rectangle

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



78, 20.236, 220.062



78, 20.236, 270.062



78, 20.236, 40.062



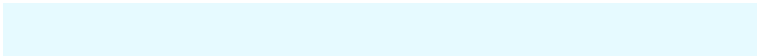
78, 20.236, 90.062

Sweetspot

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



78, 20.236, 220.058



97, 7.401, 218.868



80, 41.411, 147.327



51, 5.030, 218.904



0, 0.000, 0.000



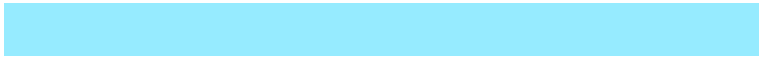
53, 0.007, 296.813

Same Dimension

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



78, 20.236, 220.058



89, 27.187, 220.729



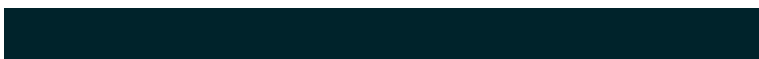
68, 28.150, 277.775



44, 3.653, 218.852



53, 32.415, 233.530



12, 12.652, 225.936

Inverse Universe

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



68, 41.303, 332.408



76, 56.926, 332.933



79, 28.150, 88.097



42, 6.870, 330.796



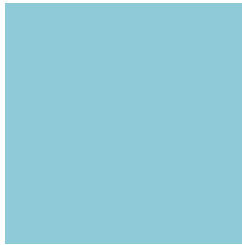
39, 73.817, 337.594



6, 28.618, 335.488

Previews

White Background



This preview shows how the CIELCh color 78, 20.236, 220.062 looks on a white background.

Color Contrast Check

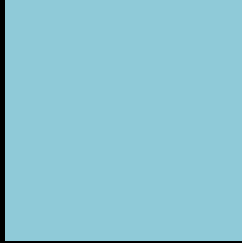
Large Text (above 18pt) WCAG AA × Fail

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 78, 20.236, 220.062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

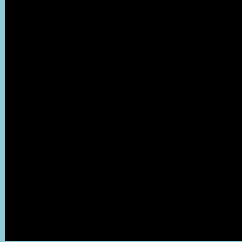
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

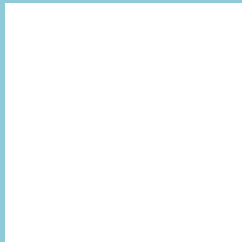
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 20.236, 220.062

Background



This preview shows how black text looks on a background with the CIELCh color 78, 20.236, 220.062.



This preview shows how white text looks on a background with the CIELCh color 78, 20.236, 220.062.

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](#).

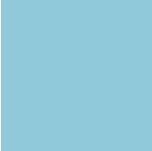
Dichromacy



Original Color
78, 20.236, 220.062

Protanopia
78, 9.654, 291.064

Deuteranopia
78, 17.674, 304.266



Tritanopia
78, 20.268, 223.393

Trichromacy



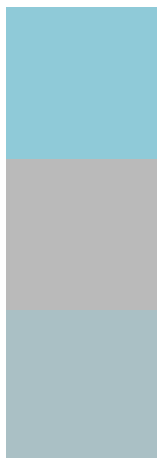
Original Color
78, 20.236, 220.062

Protanomaly
78, 11.467, 251.921

Deuteranomaly
78, 14.213, 270.289

Tritanomaly
78, 20.114, 221.899

Monochromacy



Original Color
78, 20.236, 220.062

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.178, 218.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 20.236, 220.062 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(143, 202, 216)` looks like.

```
.text, #text, p{  
    color:rgb(143, 202, 216)  
}
```

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(143, 202, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 202, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 20.236, 220.062 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(143, 202, 216) }
```

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

```
.border{ border-color:rgb(143, 202, 216) }
```

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

Here you see how a box with a 4 pixel rgb(143, 202, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 202, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 202, 216);  
box-shadow:4px 4px 4px 4px rgb(143, 202,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 20.236, 220.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 202, 216) }
```

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

```
.background{ background-color: rgb(143,  
202, 216) }
```

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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