

Converting Colors

CIELCh(78, 22.924, 210.550)

Have a look what the booklet for
CIELCh(78, 22.924, 210.550)
contains.

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Color

CIELCh(78, 22.784, 211.584)

Conversions

Conversions Part 1

Format	Color
Hex	86CCD6
RGB	134, 204, 214
RGB Percent	53%, 80%, 84%
CMY	0.4738, 0.1993, 0.1601
CMYK	0.37, 0.05, 0.00, 0.16
HSL	187°, 49%, 68%
HSV	187°, 37%, 84%
XYZ	43.6507, 53.2120, 71.7023
YIQ	184.2100, -44.9300, -11.7300

Conversions

Conversions Part 2

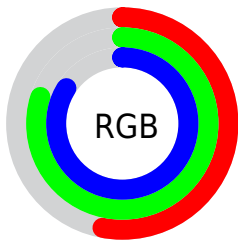
Format	Color
RYB	134, 171, 214
Decimal	8834262
CIELab	78.00, -19.41, -11.93
CIElCh	78, 22.784, 211.584
Yxy	53.2120, 0.2590, 0.3157
Android (android.graphics.Color)	4287024342 (0xFF86CCD6)
YUV	184.2100, 14.6865, -44.0342
Hunter-Lab	72.9466, -20.8433, -7.2161

Details

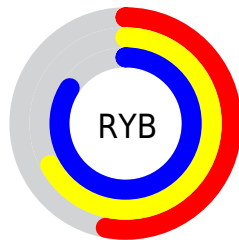
The CIELCh color **78, 22.784, 211.584** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 29.996, 32.543**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.100, 198.118**, and **58, 22.896, 210.510** is the 20% darker color. If you saturate the color by 10%, you get **76, 27.493, 212.058**, and if you desaturate by 10%, it is **80, 17.388, 211.300**.

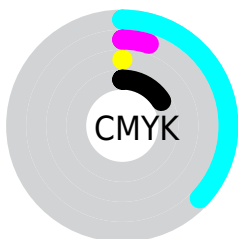
Distribution



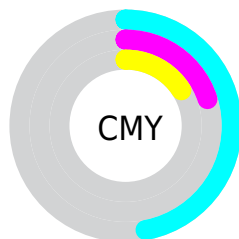
- Red (53%)
- Green (80%)
- Blue (84%)



- Red (53%)
- Yellow (67%)
- Blue (84%)



- Cyan (37%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (47%)
- Magenta (20%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 22.784, 211.584 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, 22.784, 211.584 by changing the saturation by 10% instead.

 78, 22.784,
211.584

 78, 22.784,
211.584


 100, 22.784,
211.584

 68, 22.784,
211.584


 98, 22.784,
211.584

 58, 22.784,
211.584

 48, 22.784,
211.584

 38, 22.784,
211.584

 28, 22.784,
211.584

 18, 22.784,
211.584

 8, 22.784, 211.584

0, 22.784, 211.584

78, 22.784,
211.584

78, 22.784,
211.584

76, 27.493,
212.058

80, 17.388,
211.300

75, 31.412,
212.772

82, 11.415,
211.182

73, 34.466,
213.772

84, 4.975, 211.236

72, 36.620,
215.110

86, 1.831, 30.882

71, 37.897,
216.839

89, 8.913, 31.292

70, 38.416,
218.984

91, 12.786, 40.703

■ 70, 38.501,
219.586

■ 92, 12.449, 48.114

■ 92, 12.334, 55.789

Harmonies

Complementary

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



78, 22.784, 211.584



67, 29.996, 32.543

Rectangle

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



78, 22.784, 211.584



78, 22.784, 261.584



78, 22.784, 31.584



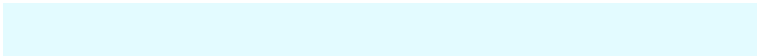
78, 22.784, 81.584

Sweetspot

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



78, 22.784, 211.581



97, 8.489, 211.189



79, 47.598, 144.886



51, 5.682, 211.181



0, 0.000, 0.000



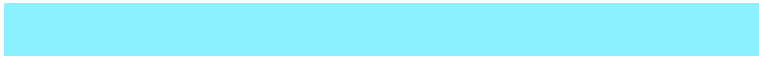
53, 0.007, 296.813

Same Dimension

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



78, 22.784, 211.581



90, 30.404, 211.950



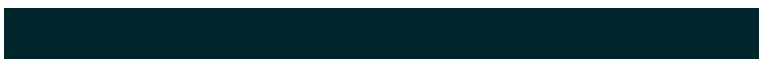
67, 28.486, 273.207



44, 3.819, 211.204



57, 32.564, 219.180



13, 12.950, 214.515

Inverse Universe

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



66, 47.327, 330.277



74, 64.967, 330.768



76, 29.449, 81.982



42, 7.201, 328.570



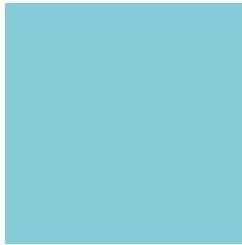
39, 77.663, 333.889



6, 30.070, 332.570

Previews

White Background



This preview shows how the CIELCh color 78, 22.784, 211.584 looks on a white background.

Color Contrast Check

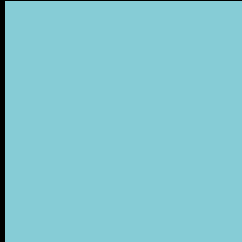
Large Text (above 18pt) WCAG AA × Fail

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 78, 22.784, 211.584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

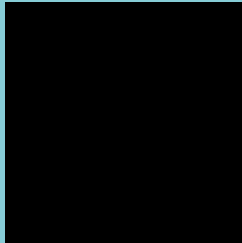
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

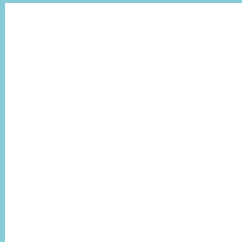
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 22.784, 211.584

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.784, 211.584.



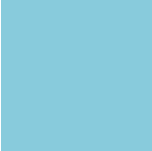
This preview shows how white text looks on a background with the CIELCh color 78, 22.784, 211.584.

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
78, 22.682, 221.896

Trichromacy



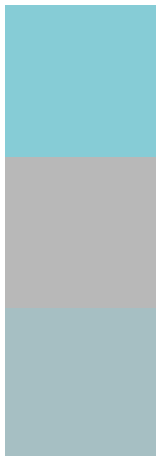
Original Color
78, 22.784, 211.584

Protanomaly
78, 11.188, 237.585

Deuteranomaly
77, 14.096, 265.573

Tritanomaly
78, 22.676, 218.911

Monochromacy



Original Color
78, 22.784, 211.584

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 9.046, 212.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.784, 211.584 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(134, 204, 214)` looks like.

```
.text, #text, p{  
    color:rgb(134, 204, 214)  
}
```

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(134, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 204, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.784, 211.584 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(134, 204, 214) }
```

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

```
.border{ border-color:rgb(134, 204, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 204, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(134, 204,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.784, 211.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 204, 214) }
```

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

```
.background{ background-color: rgb(134,  
204, 214) }
```

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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