

Converting Colors

CIELCh(78, 24.111, 232.570)

Have a look what the booklet for
CIELCh(78, 24.111, 232.570)
contains.

CIELCh(78, 24.184, 233.657)	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(78, 24.184, 233.657)

Conversions

Conversions Part 1

Format	Color
Hex	88CAE4
RGB	136, 202, 228
RGB Percent	53%, 79%, 89%
CMY	0.4658, 0.2070, 0.1050
CMYK	0.40, 0.11, 0.00, 0.10
HSL	197°, 63%, 71%
HSV	197°, 40%, 90%
XYZ	45.3970, 53.2120, 81.4423
YIQ	185.2300, -47.6820, -5.9060

Conversions

Conversions Part 2

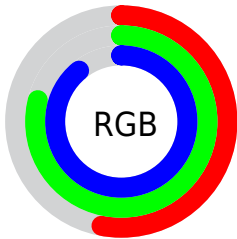
Format	Color
R _Y B	136, 174, 228
Decimal	8964836
CIE Lab	78.00, -14.33, -19.48
CIE LCh	78, 24.184, 233.657
Yxy	53.2120, 0.2521, 0.2955
Android (android.graphics.Color)	4287154916 (0xFF88CAE4)
YUV	185.2300, 21.0856, -43.1747
Hunter-Lab	72.9466, -16.5701, -15.1327

Details

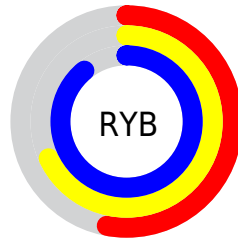
The CIELCh color **78, 24.184, 233.657** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 31.517, 47.558**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.212, 198.174**, and **58, 24.377, 233.929** is the 20% darker color. If you saturate the color by 10%, you get **75, 28.986, 235.529**, and if you desaturate by 10%, it is **81, 18.823, 232.188**.

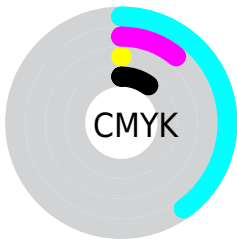
Distribution



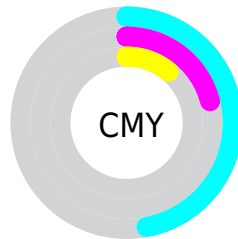
- Red (53%)
- Green (79%)
- Blue (89%)



- Red (53%)
- Yellow (68%)
- Blue (89%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)





- Cyan (47%)
- Magenta (21%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 24.184, 233.657 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, 24.184, 233.657 by changing the saturation by 10% instead.

 78, 24.184,
233.657

 78, 24.184,
233.657


 100, 24.184,
233.657

 68, 24.184,
233.657


 98, 24.184,
233.657

 58, 24.184,
233.657

 48, 24.184,
233.657

 38, 24.184,
233.657

 28, 24.184,
233.657

 18, 24.184,
233.657

 8, 24.184, 233.657

■ 0, 24.184, 233.657

■ 78, 24.184,
233.657

■ 78, 24.184,
233.657

■ 75, 28.986,
235.529

■ 81, 18.823,
232.188

■ 72, 33.167,
237.901

■ 84, 12.986,
231.052

■ 70, 36.700,
240.865

■ 87, 6.756, 230.200

■ 68, 39.617,
244.500

■ 91, 0.213, 232.094

■ 65, 42.027,
248.837

■ 94, 6.573, 48.806

■ 63, 44.109,
253.551

■ 96, 8.249, 71.283

■ 97, 10.114, 93.515

■ 99, 12.970,
107.314

■ 99, 13.548,
109.154

Harmonies

Complementary

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



78, 24.184, 233.657



72, 31.517, 47.558

Rectangle

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



78, 24.184, 233.657



78, 24.184, 283.657



78, 24.184, 53.657



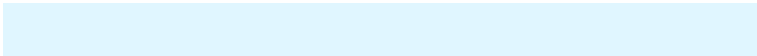
78, 24.184, 103.657

Sweetspot

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



78, 24.183, 233.654



96, 8.567, 230.329



84, 48.313, 149.488



51, 5.665, 230.431



0, 0.000, 0.000



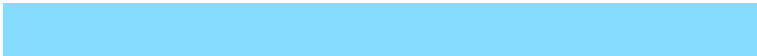
53, 0.007, 296.813

Same Dimension

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



78, 24.183, 233.654



84, 30.520, 235.114



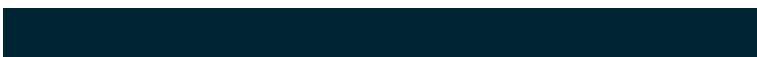
66, 39.351, 284.734



46, 3.745, 230.141



50, 36.462, 252.670



13, 14.515, 243.843

Inverse Universe

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



68, 48.167, 336.563



72, 61.993, 337.254



83, 37.829, 93.391



45, 6.816, 334.198



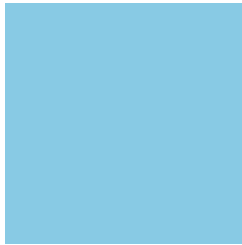
40, 71.465, 343.573



8, 30.856, 340.597

Previews

White Background



This preview shows how the CIELCh color 78, 24.184, 233.657 looks on a white background.

Color Contrast Check

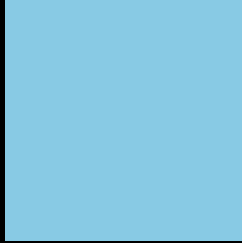
Large Text (above 18pt) WCAG AA × Fail

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, 24.184, 233.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

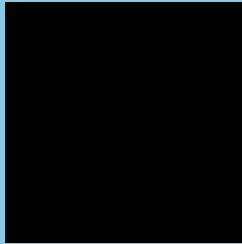
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 24.184, 233.657

Background



This preview shows how black text looks on a background with the CIELCh color 78, 24.184, 233.657.



This preview shows how white text looks on a background with the CIELCh color 78, 24.184, 233.657.

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, 24.184, 233.657

Protanopia

78, 15.580, 286.530

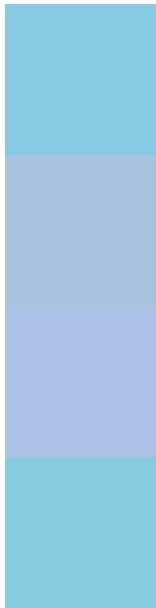
Deuteranopia

78, 23.129, 294.758



Tritanopia
78, 23.289, 219.725

Trichromacy



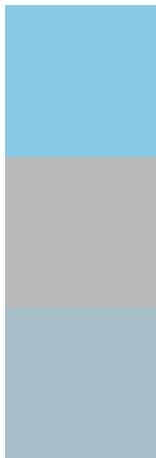
Original Color
78, 24.184, 233.657

Protanomaly
78, 17.066, 261.059

Deuteranomaly
78, 20.880, 271.752

Tritanomaly
78, 23.392, 225.541

Monochromacy



Original Color
78, 24.184, 233.657

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 9.836, 232.227

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 24.184, 233.657 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(136, 202, 228)` looks like.

```
.text, #text, p{  
    color:rgb(136, 202, 228)  
}
```

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(136, 202, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 202, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 24.184, 233.657 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(136, 202, 228) }
```

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

```
.border{ border-color:rgb(136, 202, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 202, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 202, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 202, 228); box-shadow:4px 4px 4px 4px rgb(136, 202, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 24.184, 233.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 202, 228) }
```

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

```
.background{ background-color: rgb(136,  
202, 228) }
```

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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