

Converting Colors

CIELCh(78, 23.590, 207.699)

Have a look what the booklet for
CIELCh(78, 23.590, 207.699)
contains.

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Color

CIELCh(78, 23.761, 206.916)

Conversions

Conversions Part 1

Format	Color
Hex	83CDD4
RGB	131, 205, 212
RGB Percent	51%, 80%, 83%
CMY	0.4864, 0.1963, 0.1688
CMYK	0.38, 0.03, 0.00, 0.17
HSL	185°, 48%, 67%
HSV	185°, 38%, 83%
XYZ	43.0499, 53.2120, 70.2573
YIQ	183.6720, -46.3510, -13.5110

Conversions

Conversions Part 2

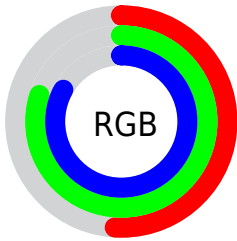
Format	Color
RYB	131, 170, 212
Decimal	8637908
CIELab	78.00, -21.19, -10.76
CIElCh	78, 23.761, 206.916
Yxy	53.2120, 0.2585, 0.3196
Android (android.graphics.Color)	4286827988 (0xFF83CDD4)
YUV	183.6720, 13.9657, -46.1933
Hunter-Lab	72.9466, -22.3134, -6.0416

Details

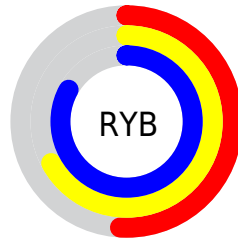
The CIELCh color **78, 23.761, 206.916** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 31.467, 29.418**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.978, 198.063**, and **58, 23.845, 205.637** is the 20% darker color. If you saturate the color by 10%, you get **77, 28.502, 207.112**, and if you desaturate by 10%, it is **80, 18.301, 206.865**.

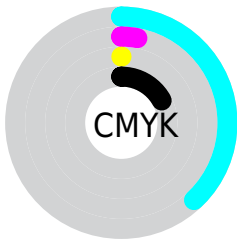
Distribution



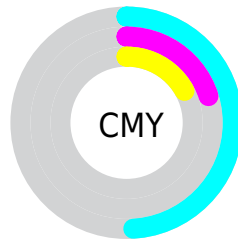
- Red (51%)
- Green (80%)
- Blue (83%)



- Red (51%)
- Yellow (67%)
- Blue (83%)



- Cyan (38%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)





- Cyan (49%)
- Magenta (20%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 23.761, 206.916 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, 23.761, 206.916 by changing the saturation by 10% instead.


 78, 23.761,
206.916


 78, 23.761,
206.916


 100, 23.761,
206.916


 68, 23.761,
206.916


 98, 23.761,
206.916

 58, 23.761,
206.916

 48, 23.761,
206.916

 38, 23.761,
206.916

 28, 23.761,
206.916

 18, 23.761,
206.916

 8, 23.761, 206.916

0, 23.761, 206.916

78, 23.761,
206.916

78, 23.761,
206.916

77, 28.502,
207.112

80, 18.301,
206.865

75, 32.423,
207.489

81, 12.235,
206.945

74, 35.449,
208.076

83, 5.678, 207.161

85, 1.263, 26.837

73, 37.548,
208.905

87, 8.493, 27.525

72, 38.750,
210.008

89, 14.743, 28.417

72, 39.185,
211.390

90, 14.243, 32.476

■ 72, 39.233,
211.649

■ 90, 13.822, 36.806

■ 91, 13.486, 41.379

Harmonies

Complementary

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



78, 23.761, 206.916



65, 31.467, 29.418

Rectangle

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



78, 23.761, 206.916



78, 23.761, 256.916



78, 23.761, 26.916



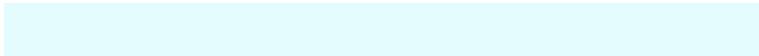
78, 23.761, 76.916

Sweetspot

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



78, 23.761, 206.913



97, 8.766, 207.080



78, 49.396, 143.831



52, 5.868, 207.048



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, 23.761, 206.913



91, 31.891, 207.065



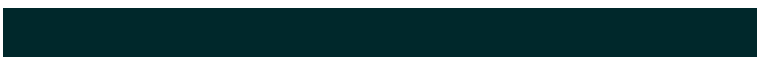
67, 27.724, 270.412



44, 3.944, 207.125



59, 33.450, 211.398



14, 13.318, 208.393

Inverse Universe

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



65, 49.242, 329.060



74, 68.035, 329.524



75, 29.252, 78.826



42, 7.397, 327.378



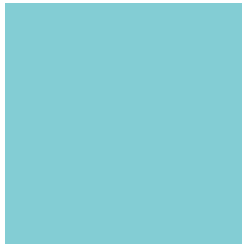
40, 80.027, 331.976



6, 30.941, 331.052

Previews

White Background



This preview shows how the CIELCh color 78, 23.761, 206.916 looks on a white background.

Color Contrast Check

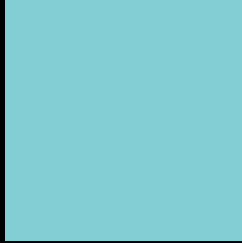
Large Text (above 18pt) WCAG AA × Fail

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, 23.761, 206.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

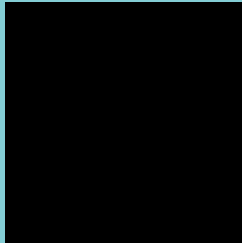
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 23.761, 206.916

Background



This preview shows how black text looks on a background with the CIELCh color 78, 23.761, 206.916.

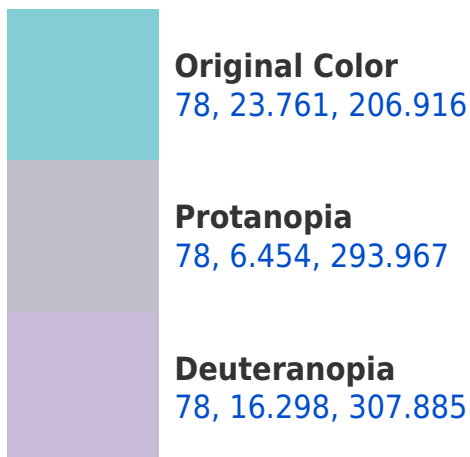


This preview shows how white text looks on a background with the CIELCh color 78, 23.761, 206.916.

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, 23.535, 219.471

Trichromacy



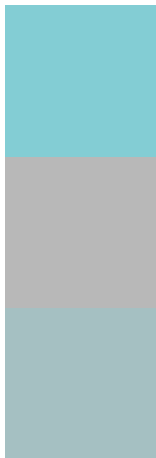
Original Color
78, 23.761, 206.916

Protanomaly
78, 10.364, 230.134

Deuteranomaly
78, 12.837, 260.766

Tritanomaly
78, 23.491, 215.268

Monochromacy



Original Color
78, 23.761, 206.916

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 9.590, 205.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 23.761, 206.916 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(131, 205, 212)` looks like.

```
.text, #text, p{  
    color:rgb(131, 205, 212)  
}
```

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(131, 205, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 205, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 23.761, 206.916 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(131, 205, 212) }
```

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

```
.border{ border-color:rgb(131, 205, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 205, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 205, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 205, 212);  
box-shadow:4px 4px 4px 4px rgb(131, 205,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 23.761, 206.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 205, 212) }
```

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

```
.background{ background-color: rgb(131,  
205, 212) }
```

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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