

Converting Colors

CIELCh(78, 25.036, 206.026)

Have a look what the booklet for
CIELCh(78, 25.036, 206.026)
contains.

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Color

CIELCh(78, 25.070, 205.087)

Conversions

Conversions Part 1

Format	Color
Hex	7FCED4
RGB	127, 206, 212
RGB Percent	50%, 81%, 83%
CMY	0.5032, 0.1934, 0.1699
CMYK	0.40, 0.03, 0.00, 0.17
HSL	184°, 50%, 66%
HSV	184°, 40%, 83%
XYZ	42.5414, 53.2120, 70.1029
YIQ	183.0630, -49.0100, -14.8820

Conversions

Conversions Part 2

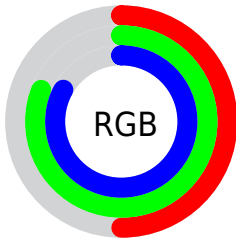
Format	Color
RYB	127, 168, 212
Decimal	8376020
CIELab	78.00, -22.71, -10.63
CIELCh	78, 25.070, 205.087
Yxy	53.2120, 0.2565, 0.3208
Android (android.graphics.Color)	4286566100 (0xFF7FCED4)
YUV	183.0630, 14.2659, -49.1673
Hunter-Lab	72.9466, -23.5578, -5.9161

Details

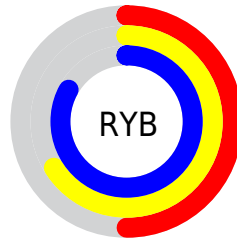
The CIELCh color **78, 25.070, 205.087** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **63, 33.706, 28.392**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.133, 197.991**, and **58, 24.960, 205.172** is the 20% darker color. If you saturate the color by 10%, you get **77, 29.721, 205.197**, and if you desaturate by 10%, it is **79, 19.669, 205.107**.

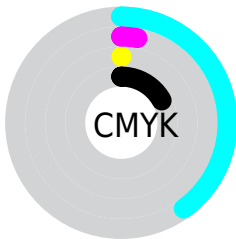
Distribution



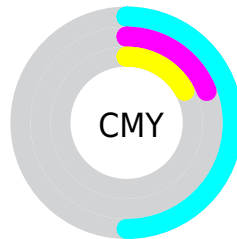
- Red (50%)
- Green (81%)
- Blue (83%)



- Red (50%)
- Yellow (66%)
- Blue (83%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (50%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 25.070, 205.087 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, 25.070, 205.087 by changing the saturation by 10% instead.

■ 78, 25.070,
205.087

■ 78, 25.070,
205.087

■ 100, 25.070,
205.087

■ 68, 25.070,
205.087

■ 98, 25.070,
205.087

■ 58, 25.070,
205.087

■ 48, 25.070,
205.087

■ 38, 25.070,
205.087

■ 28, 25.070,
205.087

■ 18, 25.070,
205.087

■ 8, 25.070, 205.087

0, 25.070, 205.087

78, 25.070,
205.087

78, 25.070,
205.087

77, 29.721,
205.197

79, 19.669,
205.107

76, 33.525,
205.469

81, 13.632,
205.248

75, 36.415,
205.926

83, 7.075, 205.504

85, 0.110, 211.019

74, 38.371,
206.592

87, 7.166, 25.973

73, 39.434,
207.488

89, 14.664, 26.400

73, 39.798,
208.577

89, 14.715, 29.374

■ 90, 14.317, 32.696

■ 90, 13.970, 36.195

Harmonies

Complementary

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



78, 25.070, 205.087



63, 33.706, 28.392

Rectangle

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



78, 25.070, 205.087



78, 25.070, 255.087



78, 25.070, 25.087



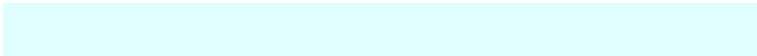
78, 25.070, 75.087

Sweetspot

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



78, 25.070, 205.084



97, 9.674, 205.442



78, 52.358, 143.164



52, 6.393, 205.404



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, 25.070, 205.084



91, 33.389, 205.168



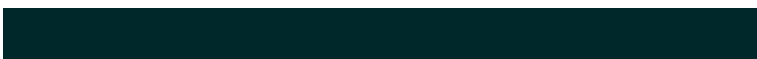
66, 28.507, 269.284



44, 4.001, 205.529



60, 33.963, 208.380



14, 13.506, 206.011

Inverse Universe

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



65, 52.122, 328.669



73, 71.460, 329.119



74, 30.494, 76.989



42, 7.479, 326.908



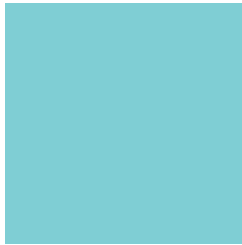
40, 81.021, 331.237



6, 31.303, 330.462

Previews

White Background



This preview shows how the CIELCh color 78, 25.070, 205.087 looks on a white background.

Color Contrast Check

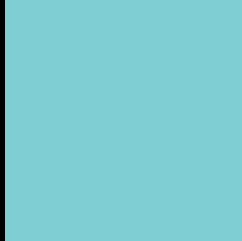
Large Text (above 18pt) WCAG AA × Fail

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, 25.070, 205.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

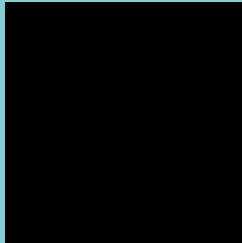
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 25.070, 205.087

Background



This preview shows how black text looks on a background with the CIELCh color 78, 25.070, 205.087.

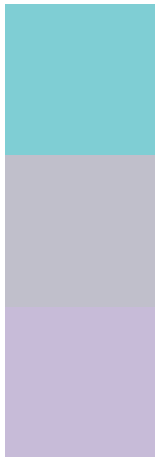


This preview shows how white text looks on a background with the CIELCh color 78, 25.070, 205.087.

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](#).

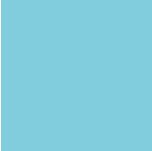
Dichromacy



Original Color
78, 25.070, 205.087

Protanopia
78, 6.454, 293.967

Deuteranopia
78, 16.201, 306.678

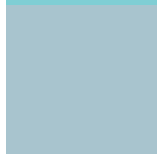


Tritanopia
78, 24.620, 219.782

Trichromacy



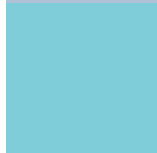
Original Color
78, 25.070, 205.087



Protanomaly
77, 10.936, 228.298



Deuteranomaly
77, 12.731, 256.806

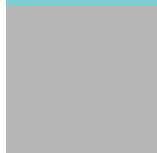


Tritanomaly
78, 24.738, 214.277

Monochromacy



Original Color
78, 25.070, 205.087



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 9.935, 204.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 25.070, 205.087 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(127, 206, 212)` looks like.

```
.text, #text, p{  
    color:rgb(127, 206, 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(127, 206, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 206, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 25.070, 205.087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

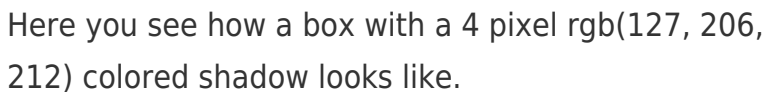
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 206, 212) }
```

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

```
.border{ border-color:rgb(127, 206, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 206, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 206, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 206, 212);  
box-shadow:4px 4px 4px 4px rgb(127, 206,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 25.070, 205.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 206, 212) }
```

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

```
.background{ background-color: rgb(127,  
206, 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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