

Converting Colors

CIELCh(78, 24.211, 197.651)

Have a look what the booklet for
CIELCh(78, 24.211, 197.651)
contains.

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Color

CIELCh(78, 24.296, 197.659)

Conversions

Conversions Part 1

Format	Color
Hex	83CECE
RGB	131, 206, 206
RGB Percent	51%, 81%, 81%
CMY	0.4876, 0.1935, 0.1935
CMYK	0.36, 0.00, 0.00, 0.19
HSL	180°, 43%, 66%
HSV	180°, 36%, 81%
XYZ	42.3927, 53.2120, 66.2082
YIQ	183.5750, -44.7000, -15.9000

Conversions

Conversions Part 2

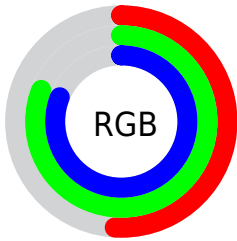
Format	Color
RYB	131, 169, 206
Decimal	8638158
CIELab	78.00, -23.15, -7.37
CIElCh	78, 24.296, 197.659
Yxy	53.2120, 0.2620, 0.3288
Android (android.graphics.Color)	4286828238 (0xFF83CECE)
YUV	183.5750, 11.0555, -46.1083
Hunter-Lab	72.9466, -23.9217, -2.7505

Details

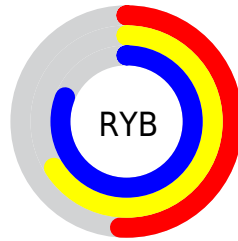
The CIELCh color **78, 24.296, 197.659** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **62, 31.344, 22.761**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.978, 198.063**, and **58, 24.154, 198.599** is the 20% darker color. If you saturate the color by 10%, you get **77, 29.509, 197.286**, and if you desaturate by 10%, it is **79, 18.356, 198.087**.

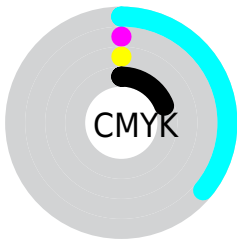
Distribution



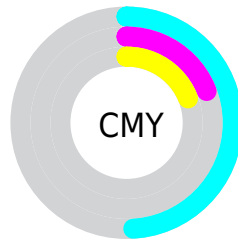
- Red (51%)
- Green (81%)
- Blue (81%)



- Red (51%)
- Yellow (66%)
- Blue (81%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)





- Cyan (49%)
- Magenta (19%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 24.296, 197.659 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, 24.296, 197.659 by changing the saturation by 10% instead.


 78, 24.296,
197.659

 78, 24.296,
197.659


 100, 24.296,
197.659


 68, 24.296,
197.659


 98, 24.296,
197.659

 58, 24.296,
197.659

 48, 24.296,
197.659

 38, 24.296,
197.659

 28, 24.296,
197.659

 18, 24.296,
197.659

 8, 24.296, 197.659

0, 24.296, 197.659

78, 24.296,
197.659

78, 24.296,
197.659

77, 29.509,
197.286

79, 18.356,
198.087

76, 33.892,
196.980

80, 11.804,
198.579

76, 37.375,
196.741

82, 4.761, 199.168

83, 2.659, 19.393

75, 39.927,
196.567

85, 10.353, 20.133

75, 41.575,
196.455

87, 18.230, 20.760

75, 42.415,
196.399

87, 18.596, 20.789

■ 75, 42.616,
196.385

■ 87, 18.596, 20.788

■ 87, 18.596, 20.788

Harmonies

Complementary

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



78, 24.296, 197.659



62, 31.344, 22.761

Rectangle

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



78, 24.296, 197.659



78, 24.296, 247.659



78, 24.296, 17.659



78, 24.296, 67.659

Sweetspot

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



78, 24.296, 197.656



98, 9.530, 198.872



76, 48.486, 141.385



52, 6.380, 198.794



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, 24.296, 197.656



94, 33.599, 197.352



68, 23.029, 259.597



42, 4.119, 198.976



62, 36.301, 196.385



13, 13.514, 196.385

Inverse Universe

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



62, 31.344, 22.761



71, 46.254, 24.066



71, 25.807, 69.161



40, 4.369, 19.924



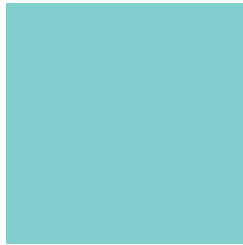
34, 75.553, 39.823



4, 17.910, 19.405

Previews

White Background



This preview shows how the CIE LCh color 78, 24.296, 197.659 looks on a white background.

Color Contrast Check

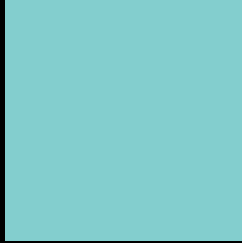
Large Text (above 18pt) WCAG AA × Fail

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, 24.296, 197.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

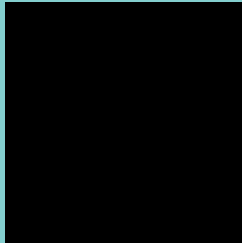
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

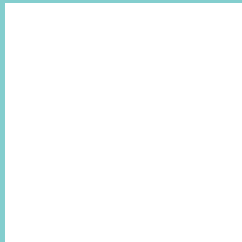
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 24.296, 197.659

Background



This preview shows how black text looks on a background with the CIELCh color 78, 24.296, 197.659.

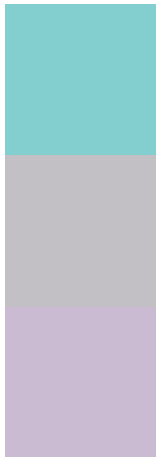


This preview shows how white text looks on a background with the CIELCh color 78, 24.296, 197.659.

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, 24.296, 197.659

Protanopia

78, 3.418, 309.166

Deuteranopia

78, 13.526, 314.643



Tritanopia
78, 23.173, 221.331

Trichromacy



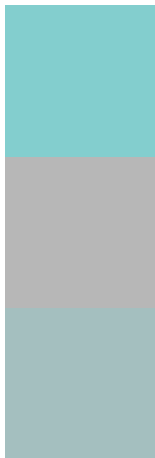
Original Color
78, 24.296, 197.659

Protanomaly
77, 9.013, 212.636

Deuteranomaly
78, 9.654, 250.361

Tritanomaly
78, 23.098, 212.772

Monochromacy



Original Color
78, 24.296, 197.659

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 9.609, 198.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 24.296, 197.659 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, 206, 206)` looks like.

```
.text, #text, p{  
    color:rgb(131, 206, 206)  
}
```

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, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 206, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 24.296, 197.659 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, 206, 206) }
```

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

```
.border{ border-color:rgb(131, 206, 206) }
```

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

Here you see how a box with a 4 pixel rgb(131, 206, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(131, 206,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 24.296, 197.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 206, 206) }
```

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

```
.background{ background-color: rgb(131,  
206, 206) }
```

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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