

Converting Colors

CIELCh(88, 9.682, 198.851)

Have a look what the booklet for
CIELCh(88, 9.682, 198.851) contains.

CIELCh(88, 9.699, 198.797)	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(88, 9.699, 198.797)

Conversions

Conversions Part 1

Format	Color
Hex	C6E2E2
RGB	198, 226, 226
RGB Percent	78%, 89%, 89%
CMY	0.2226, 0.1128, 0.1128
CMYK	0.12, 0.00, 0.00, 0.11
HSL	180°, 33%, 83%
HSV	180°, 12%, 89%
XYZ	64.3726, 72.0653, 82.6415
YIQ	217.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

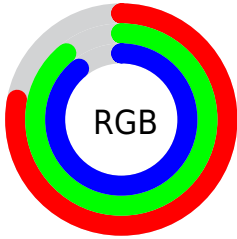
Format	Color
R _Y B	198, 212, 226
Decimal	13034210
CIE Lab	88.00, -9.18, -3.13
CIE LCh	88, 9.699, 198.797
Yxy	72.0653, 0.2938, 0.3289
Android (android.graphics.Color)	4291224290 (0xFFC6E2E2)
YUV	217.6280, 4.1274, -17.2138
Hunter-Lab	84.8913, -13.2040, 1.7052

Details

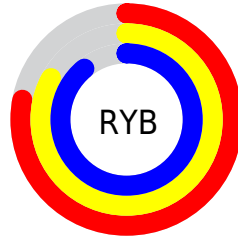
The CIELCh color **88, 9.699, 198.797** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 10.499, 20.159**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 9.765, 198.626** is the 20% darker color. If you saturate the color by 10%, you get **87, 17.007, 198.263**, and if you desaturate by 10%, it is **90, 1.910, 199.579**.

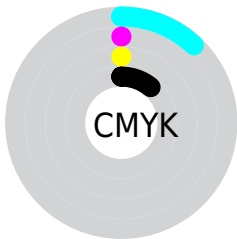
Distribution



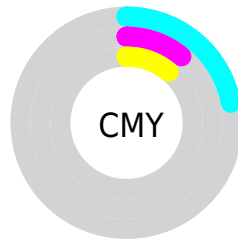
- Red (78%)
- Green (89%)
- Blue (89%)



- Red (78%)
- Yellow (83%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 9.699, 198.797 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 88, 9.699, 198.797 by changing the saturation by 10% instead.

■ 88, 9.699, 198.797

■ 88, 9.699, 198.797

■ 100, 9.699,
198.797

■ 78, 9.699, 198.797

■ 68, 9.699, 198.797

■ 58, 9.699, 198.797

■ 48, 9.699, 198.797

■ 38, 9.699, 198.797

■ 28, 9.699, 198.797

■ 18, 9.699, 198.797

■ 8, 9.699, 198.797

■ 0, 9.699, 198.797

88, 9.699, 198.797

88, 9.699, 198.797

87, 17.007,
198.263

90, 1.910, 199.579

85, 23.701,
197.806

91, 6.242, 19.736

84, 29.653,
197.409

92, 10.494, 20.072

84, 34.742,
197.076

92, 10.494, 20.056

83, 38.877,
196.809

92, 10.494, 20.048

82, 42.008,
196.608

92, 10.494, 20.032

82, 44.137,
196.473

92, 10.494, 20.024

82, 45.336,
196.396

■ 82, 45.786,
196.367

Harmonies

Complementary

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



88, 9.699, 198.797



82, 10.499, 20.159

Rectangle

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



88, 9.699, 198.797



88, 9.699, 248.797



88, 9.699, 18.797



88, 9.699, 68.797

Sweetspot

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



88, 9.700, 198.787



99, 3.526, 199.359



87, 17.804, 143.282



53, 2.501, 199.288



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 9.700, 198.787



97, 12.851, 198.637



84, 8.615, 255.273



46, 4.454, 198.960



65, 37.943, 196.367



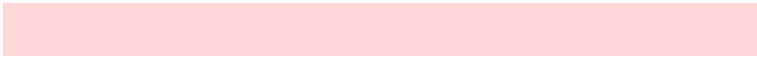
17, 15.586, 196.370

Inverse Universe

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



82, 10.499, 20.159



90, 14.168, 20.386



86, 8.913, 72.058



44, 4.728, 19.923



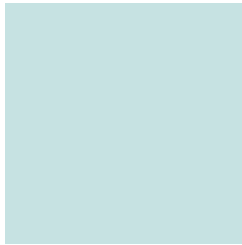
36, 79.108, 39.947



6, 25.541, 20.933

Previews

White Background



This preview shows how the CIELCh color 88, 9.699, 198.797 looks on a white background.

Color Contrast Check

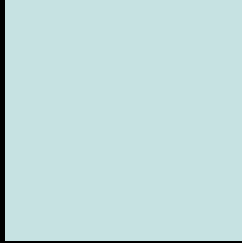
Large Text (above 18pt) WCAG AA × Fail

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 88, 9.699, 198.797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

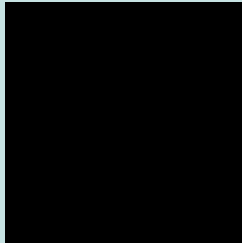
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

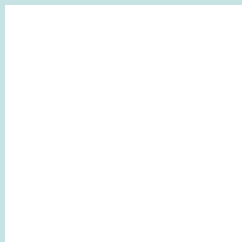
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 9.699, 198.797

Background



This preview shows how black text looks on a background with the CIELCh color 88, 9.699, 198.797.

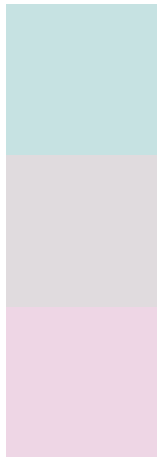


This preview shows how white text looks on a background with the CIELCh color 88, 9.699, 198.797.

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

88, 9.699, 198.797

Protanopia

88, 2.402, 338.630

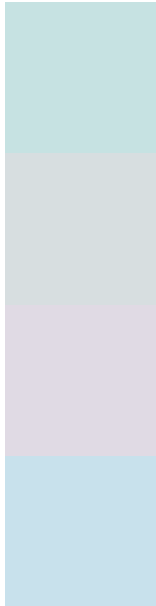
Deuteranopia

88, 11.677, 338.200



Tritanopia
88, 12.010, 250.793

Trichromacy



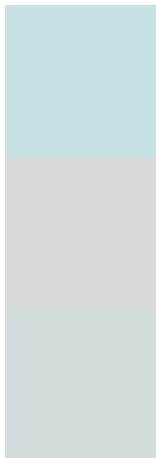
Original Color
88, 9.699, 198.797

Protanomaly
88, 2.677, 222.443

Deuteranomaly
88, 5.676, 312.636

Tritanomaly
88, 10.140, 233.583

Monochromacy



Original Color
88, 9.699, 198.797

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 3.547, 199.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 9.699, 198.797 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(198, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(198, 226, 226)  
}
```

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(198, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 226, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 9.699, 198.797 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(198, 226, 226) }
```

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

```
.border{ border-color:rgb(198, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(198, 226,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 9.699, 198.797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 226, 226) }
```

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

```
.background{ background-color: rgb(198,  
226, 226) }
```

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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