

Converting Colors

CIELCh(88, 4.004, 199.168)

Have a look what the booklet for
CIELCh(88, 4.004, 199.168) contains.

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Color

CIELCh(88, 3.892, 199.286)

Conversions

Conversions Part 1

Format	Color
Hex	D4DFDF
RGB	212, 223, 223
RGB Percent	83%, 87%, 87%
CMY	0.1688, 0.1257, 0.1257
CMYK	0.05, 0.00, 0.00, 0.13
HSL	180°, 15%, 85%
HSV	180°, 5%, 87%
XYZ	66.8257, 72.0653, 80.1665
YIQ	219.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

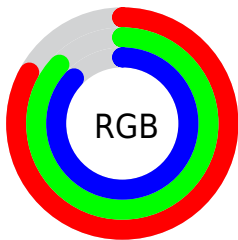
Format	Color
R _Y B	212, 218, 223
Decimal	13950943
CIE Lab	88.00, -3.67, -1.29
CIE LCh	88, 3.892, 199.286
Yxy	72.0653, 0.3051, 0.3290
Android (android.graphics.Color)	4292141023 (0xFFD4DFDF)
YUV	219.7110, 1.6215, -6.7625
Hunter-Lab	84.8913, -8.0460, 3.4338

Details

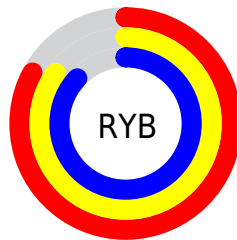
The CIELCh color **88, 3.892, 199.286** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 4.016, 19.531**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 4.089, 199.170** is the 20% darker color. If you saturate the color by 10%, you get **86, 11.482, 198.629**, and if you desaturate by 10%, it is **90, 4.082, 19.521**.

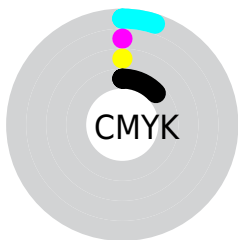
Distribution



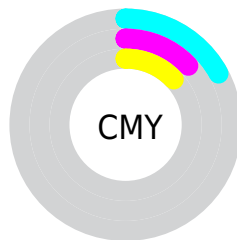
- Red (83%)
- Green (87%)
- Blue (87%)



- Red (83%)
- Yellow (85%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (17%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 3.892, 199.286 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, 3.892, 199.286 by changing the saturation by 10% instead.

■ 88, 3.892, 199.286

■ 88, 3.892, 199.286

■ 100, 3.892,
199.286

■ 78, 3.892, 199.286

■ 68, 3.892, 199.286

■ 58, 3.892, 199.286

■ 48, 3.892, 199.286

■ 38, 3.892, 199.286

■ 28, 3.892, 199.286

■ 18, 3.892, 199.286

■ 8, 3.892, 199.286

■ 0, 3.892, 199.286

88, 3.892, 199.286

88, 3.892, 199.286

86, 11.482,
198.629

90, 4.082, 19.521

85, 18.561,
198.124

91, 11.754, 20.164

84, 25.003,
197.681

91, 11.754, 20.146

83, 30.681,
197.299

91, 11.754, 20.128

82, 35.481,
196.981

91, 11.754, 20.110

82, 39.323,
196.730

91, 11.754, 20.092

81, 42.167,
196.544

91, 11.754, 20.075

81, 44.034,
196.422

91, 11.753, 20.057

91, 11.753, 20.039

■ 81, 45.013,
196.356

Harmonies

Complementary

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



88, 3.892, 199.286



86, 4.016, 19.531

Rectangle

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



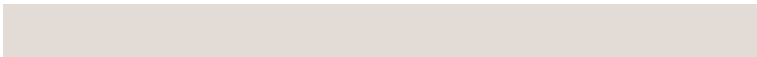
88, 3.892, 199.286



88, 3.892, 249.286



88, 3.892, 19.286



88, 3.892, 69.286

Sweetspot

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



88, 3.893, 199.259



100, 0.886, 200.070



88, 6.975, 143.764



53, 0.504, 200.112



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, 3.893, 199.259



99, 5.264, 199.170



87, 3.412, 254.321



47, 3.140, 199.129



65, 37.948, 196.337



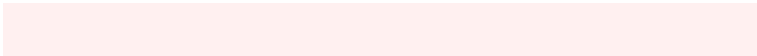
17, 15.588, 196.345

Inverse Universe

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



86, 4.016, 19.531



96, 5.468, 19.630



87, 3.444, 72.885



45, 3.273, 19.678



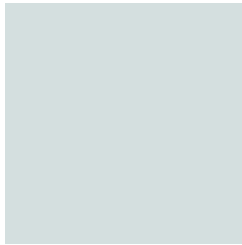
36, 79.099, 39.939



6, 25.540, 20.925

Previews

White Background



This preview shows how the CIELCh color 88, 3.892, 199.286 looks on a white background.

Color Contrast Check

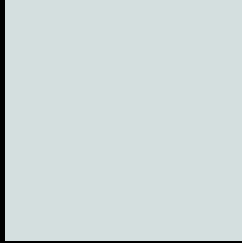
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 3.892, 199.286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

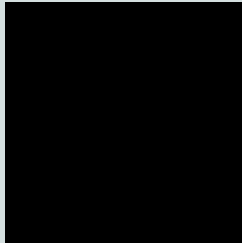
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

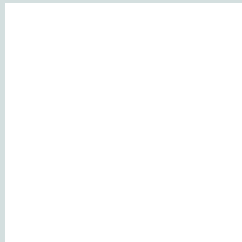
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 3.892, 199.286

Background



This preview shows how black text looks on a background with the CIELCh color 88, 3.892, 199.286.

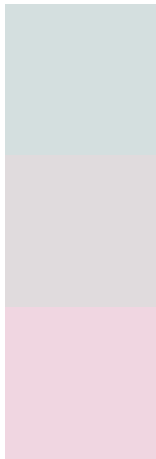


This preview shows how white text looks on a background with the CIELCh color 88, 3.892, 199.286.

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, 3.892, 199.286

Protanopia
88, 2.095, 349.382

Deuteranopia
88, 11.038, 348.953



Tritanopia
88, 9.153, 275.641

Trichromacy



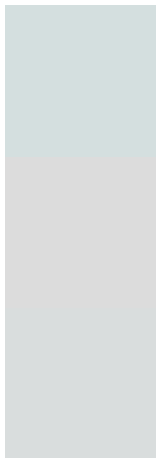
Original Color
88, 3.892, 199.286

Protanomaly
88, 1.054, 290.330

Deuteranomaly
88, 5.964, 342.013

Tritanomaly
88, 6.486, 261.831

Monochromacy



Original Color
88, 3.892, 199.286

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 1.427, 199.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 3.892, 199.286 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(212, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(212, 223, 223)  
}
```

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(212, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 223, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 3.892, 199.286 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(212, 223, 223) }
```

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

```
.border{ border-color:rgb(212, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(212, 223,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 3.892, 199.286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 223, 223) }
```

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

```
.background{ background-color: rgb(212,  
223, 223) }
```

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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