

Converting Colors

CIELCh(88, 4.553, 198.503)

Have a look what the booklet for
CIELCh(88, 4.553, 198.503) contains.

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Color

CIELCh(88, 4.590, 199.214)

Conversions

Conversions Part 1

Format	Color
Hex	D2DFDF
RGB	210, 223, 223
RGB Percent	82%, 87%, 87%
CMY	0.1751, 0.1241, 0.1241
CMYK	0.06, 0.00, 0.00, 0.12
HSL	180°, 17%, 85%
HSV	180°, 6%, 88%
XYZ	66.5282, 72.0653, 80.4667
YIQ	219.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

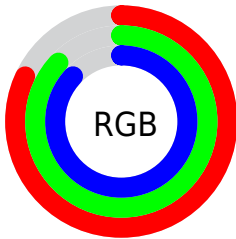
Format	Color
R _{YB}	210, 217, 223
Decimal	13819871
CIE Lab	88.00, -4.33, -1.51
CIE LCh	88, 4.590, 199.214
Yxy	72.0653, 0.3037, 0.3290
Android (android.graphics.Color)	4292009951 (0xFFD2DFDF)
YUV	219.1130, 1.9163, -7.9921
Hunter-Lab	84.8913, -8.6716, 3.2241

Details

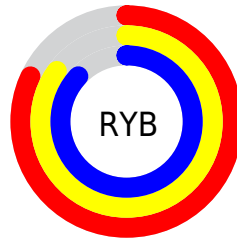
The CIELCh color `88, 4.590, 199.214` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 4.762, 19.615`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 4.454, 199.129` is the 20% darker color. If you saturate the color by 10%, you get `87, 12.150, 198.585`, and if you desaturate by 10%, it is `90, 3.365, 19.443`.

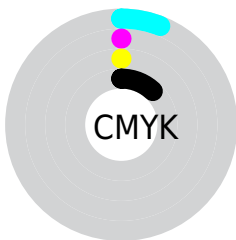
Distribution



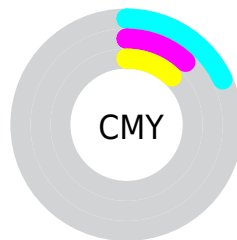
- Red (82%)
- Green (87%)
- Blue (87%)



- Red (82%)
- Yellow (85%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 4.590, 199.214 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, 4.590, 199.214 by changing the saturation by 10% instead.

 88, 4.590, 199.214

 88, 4.590, 199.214

 100, 4.590,
199.214

 78, 4.590, 199.214

 68, 4.590, 199.214

 58, 4.590, 199.214

 48, 4.590, 199.214

 38, 4.590, 199.214

 28, 4.590, 199.214

 18, 4.590, 199.214

 8, 4.590, 199.214

 0, 4.590, 199.214

88, 4.590, 199.214

88, 4.590, 199.214

87, 12.150,
198.585

90, 3.365, 19.443

85, 19.189,
198.086

91, 11.600, 20.156

91, 11.599, 20.141

84, 25.577,
197.649

91, 11.599, 20.125

83, 31.188,
197.273

91, 11.599, 20.110

91, 11.599, 20.094

82, 35.913,
196.961

91, 11.599, 20.079

82, 39.671,
196.716

91, 11.599, 20.063

91, 11.599, 20.048

81, 42.430,
196.537

81, 44.215,
196.421

■ 81, 45.123,
196.360

Harmonies

Complementary

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



88, 4.590, 199.214



85, 4.762, 19.615

Rectangle

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



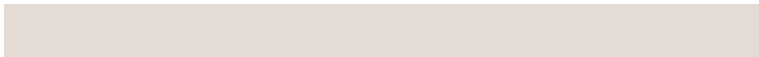
88, 4.590, 199.214



88, 4.590, 249.214



88, 4.590, 19.214



88, 4.590, 69.214

Sweetspot

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



88, 4.591, 199.191



100, 1.770, 199.644



88, 8.249, 143.707



53, 1.006, 199.669



0, 0.000, 0.000



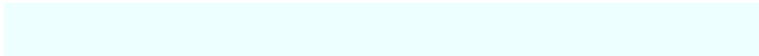
53, 0.007, 296.813

Same Dimension

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



88, 4.591, 199.191



99, 6.127, 199.102



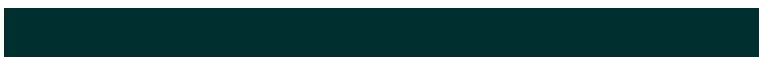
86, 4.029, 254.418



47, 3.580, 199.068



65, 37.947, 196.344



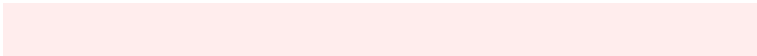
17, 15.587, 196.351

Inverse Universe

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



85, 4.762, 19.615



95, 6.404, 19.719



87, 4.080, 72.797



44, 3.754, 19.760



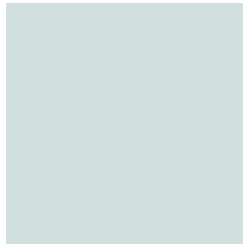
36, 79.101, 39.941



6, 25.540, 20.927

Previews

White Background



This preview shows how the CIELCh color 88, 4.590, 199.214 looks on a white background.

Color Contrast Check

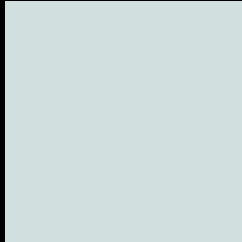
Large Text (above 18pt) WCAG AA × Fail

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, 4.590, 199.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

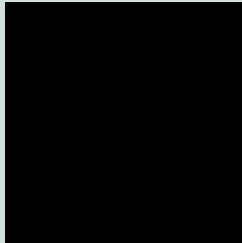
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

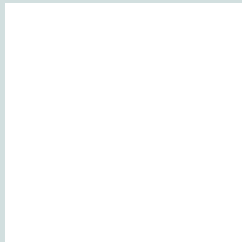
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 4.590, 199.214

Background



This preview shows how black text looks on a background with the CIELCh color 88, 4.590, 199.214.

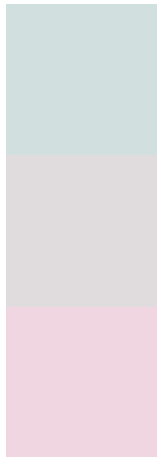


This preview shows how white text looks on a background with the CIELCh color 88, 4.590, 199.214.

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

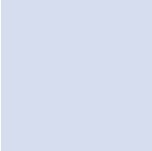
88, 4.590, 199.214

Protanopia

88, 2.095, 349.382

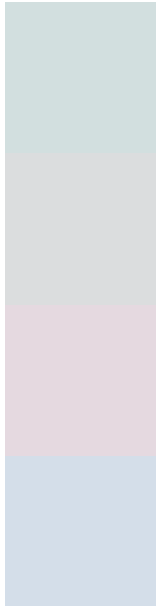
Deuteranopia

88, 11.038, 348.953



Tritanopia
88, 9.740, 274.573

Trichromacy



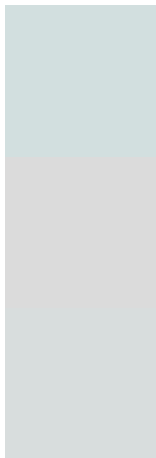
Original Color
88, 4.590, 199.214

Protanomaly
88, 0.883, 236.401

Deuteranomaly
88, 5.684, 339.745

Tritanomaly
88, 6.652, 259.204

Monochromacy



Original Color
88, 4.590, 199.214

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 1.782, 199.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 4.590, 199.214 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(210, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 223, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 4.590, 199.214 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(210, 223, 223) }
```

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

```
.border{ border-color:rgb(210, 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(210, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(210, 223,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 4.590, 199.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 223, 223) }
```

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

```
.background{ background-color: rgb(210,  
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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