

Converting Colors

CIELCh(88, 5.034, 199.172)

Have a look what the booklet for
CIELCh(88, 5.034, 199.172) contains.

CIELCh(88, 5.281, 199.150)	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, 5.281, 199.150)

Conversions

Conversions Part 1

Format	Color
Hex	D1E0E0
RGB	209, 224, 224
RGB Percent	82%, 88%, 88%
CMY	0.1814, 0.1225, 0.1225
CMYK	0.07, 0.00, 0.00, 0.12
HSL	180°, 19%, 85%
HSV	180°, 7%, 88%
XYZ	66.2344, 72.0653, 80.7632
YIQ	219.5150, -8.9400, -3.1800

Conversions

Conversions Part 2

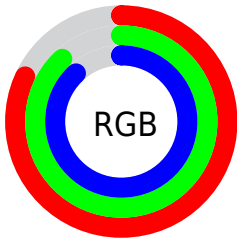
Format	Color
R _Y B	209, 217, 224
Decimal	13754592
CIE Lab	88.00, -4.99, -1.73
CIE LCh	88, 5.281, 199.150
Yxy	72.0653, 0.3024, 0.3290
Android (android.graphics.Color)	4291944672 (0xFFD1E0E0)
YUV	219.5150, 2.2111, -9.2217
Hunter-Lab	84.8913, -9.2893, 3.0170

Details

The CIELCh color **88, 5.281, 199.150** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 5.509, 19.694**, 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, 5.177, 199.054** is the 20% darker color. If you saturate the color by 10%, you get **87, 12.811, 198.543**, and if you desaturate by 10%, it is **90, 2.656, 19.348**.

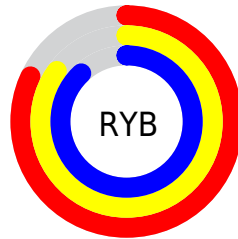
Distribution



Red (82%)

Green (88%)

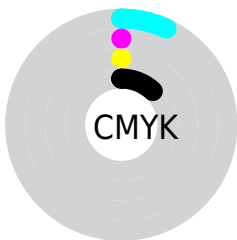
Blue (88%)



Red (82%)

Yellow (85%)

Blue (88%)

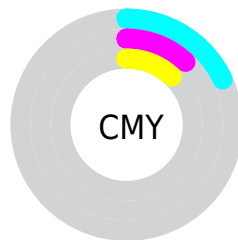


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (18%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 5.281, 199.150 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, 5.281, 199.150 by changing the saturation by 10% instead.

■ 88, 5.281, 199.150

■ 88, 5.281, 199.150

■ 100, 5.281,
199.150

■ 78, 5.281, 199.150

■ 68, 5.281, 199.150

■ 58, 5.281, 199.150

■ 48, 5.281, 199.150

■ 38, 5.281, 199.150

■ 28, 5.281, 199.150

■ 18, 5.281, 199.150

■ 8, 5.281, 199.150

■ 0, 5.281, 199.150

88, 5.281, 199.150

88, 5.281, 199.150

87, 12.811,
198.543

90, 2.656, 19.348

85, 19.808,
198.050

91, 10.890, 20.105

92, 11.447, 20.135

84, 26.141,
197.618

92, 11.447, 20.122

83, 31.686,
197.247

92, 11.447, 20.109

92, 11.447, 20.096

82, 36.333,
196.942

92, 11.447, 20.082

82, 40.009,
196.703

92, 11.447, 20.069

92, 11.447, 20.056

81, 42.683,
196.530

81, 44.387,
196.419

■ 81, 45.230,
196.363

Harmonies

Complementary

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



88, 5.281, 199.150



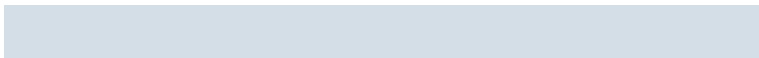
85, 5.509, 19.694

Rectangle

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



88, 5.281, 199.150



88, 5.281, 249.150



88, 5.281, 19.150



88, 5.281, 69.150

Sweetspot

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



88, 5.282, 199.130



100, 1.770, 199.648



88, 9.518, 143.650



53, 1.006, 199.673



0, 0.000, 0.000



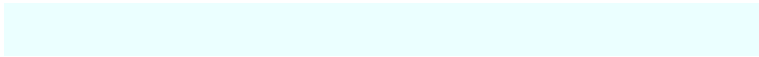
53, 0.007, 296.813

Same Dimension

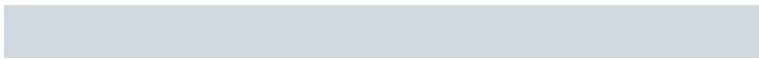
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 5.282, 199.130



99, 6.985, 199.039



86, 4.642, 254.521



46, 4.454, 198.951



65, 37.946, 196.351



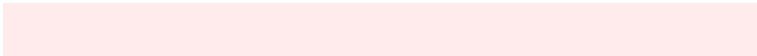
17, 15.587, 196.357

Inverse Universe

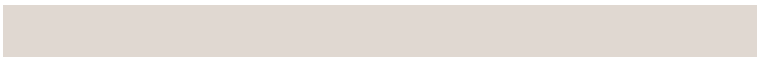
The Inverse Universe completely reimagines the original color for something new.



85, 5.509, 19.694



94, 7.349, 19.804



87, 4.715, 72.704



44, 4.728, 19.915



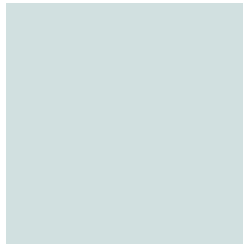
36, 79.103, 39.943



6, 25.540, 20.929

Previews

White Background



This preview shows how the CIELCh color 88, 5.281, 199.150 looks on a white background.

Color Contrast Check

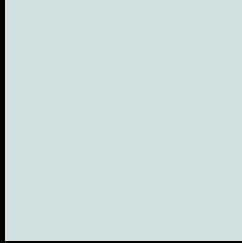
Large Text (above 18pt) WCAG AA × Fail

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, 5.281, 199.150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

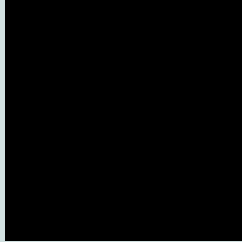
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

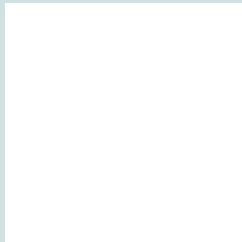
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 5.281, 199.150

Background



This preview shows how black text looks on a background with the CIELCh color 88, 5.281, 199.150.

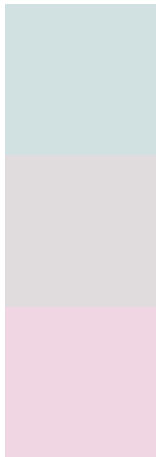


This preview shows how white text looks on a background with the CIELCh color 88, 5.281, 199.150.

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](#).

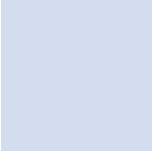
Dichromacy



Original Color
88, 5.281, 199.150

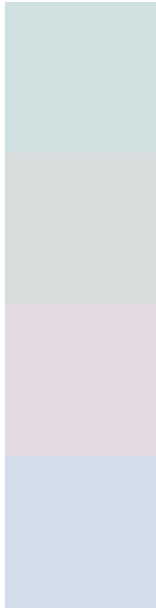
Protanopia
88, 2.095, 349.382

Deuteranopia
88, 11.008, 345.601



Tritanopia
88, 9.938, 270.789

Trichromacy



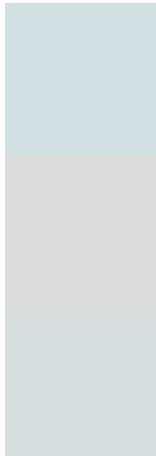
Original Color
88, 5.281, 199.150

Protanomaly
88, 1.187, 225.978

Deuteranomaly
88, 5.151, 334.511

Tritanomaly
88, 7.021, 254.358

Monochromacy



Original Color
88, 5.281, 199.150

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 2.137, 199.533

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 5.281, 199.150 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(209, 224, 224)` looks like.

```
.text, #text, p{  
    color:rgb(209, 224, 224)  
}
```

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(209, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 224, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 5.281, 199.150 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(209, 224, 224) }
```

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

```
.border{ border-color:rgb(209, 224, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 224, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(209, 224,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 5.281, 199.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 224, 224) }
```

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

```
.background{ background-color: rgb(209,  
224, 224) }
```

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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