

Converting Colors

CIELCh(88, 5.983, 173.175)

Have a look what the booklet for
CIELCh(88, 5.983, 173.175) contains.

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Color

CIELCh(88, 5.971, 173.166)

Conversions

Conversions Part 1	
Format	Color
Hex	D1E0DB
RGB	209, 224, 219
RGB Percent	82%, 88%, 86%
CMY	0.1799, 0.1211, 0.1407
CMYK	0.07, 0.00, 0.02, 0.12
HSL	160°, 20%, 85%
HSV	160°, 7%, 88%
XYZ	65.8140, 72.0653, 77.5378
YIQ	218.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

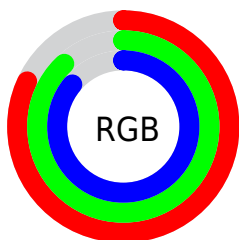
Format	Color
RYB	209, 218, 224
Decimal	13754587
CIELab	88.00, -5.93, 0.71
CIELCh	88, 5.971, 173.166
Yxy	72.0653, 0.3055, 0.3345
Android (android.graphics.Color)	4291944667 (0xFFD1E0DB)
YUV	218.9450, 0.0271, -8.7218
Hunter-Lab	84.8913, -10.1732, 5.2697

Details

The CIELCh color **88, 5.971, 173.166** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 6.082, 354.220**, 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, 5.958, 171.453** is the 20% darker color. If you saturate the color by 10%, you get **86, 14.800, 172.138**, and if you desaturate by 10%, it is **90, 2.965, 353.799**.

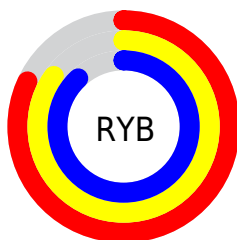
Distribution



Red (82%)

Green (88%)

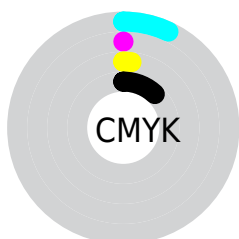
Blue (86%)



Red (82%)

Yellow (85%)

Blue (88%)

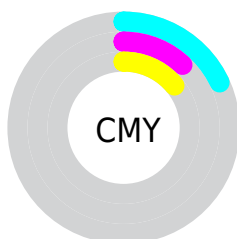


Cyan (7%)

Magenta (0%)

Yellow (2%)

Black (12%)



Cyan (18%)

Magenta (12%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 5.971, 173.166 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, 5.971, 173.166 by changing the saturation by 10% instead.

 88, 5.971, 173.166

 88, 5.971, 173.166

 100, 5.971,
173.166

 78, 5.971, 173.166

 68, 5.971, 173.166

 58, 5.971, 173.166

 48, 5.971, 173.166

 38, 5.971, 173.166

 28, 5.971, 173.166


 18, 5.971, 173.166

 8, 5.971, 173.166


 0, 5.971, 173.166


 88, 5.971, 173.166


 88, 5.971, 173.166


 86, 14.800,
172.138


 90, 2.965, 353.799


 85, 23.395,
171.076


 92, 11.916,
354.769


 84, 31.621,
169.922


 92, 14.239,
341.293


 82, 39.327,
168.650


 92, 16.890,
331.054


 81, 46.364,
167.235

 93, 19.317,
325.096

 81, 52.605,
165.652

 80, 57.963,
163.876

 80, 62.418,
161.894

 79, 66.045,
159.715

Harmonies

Complementary

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



88, 5.971, 173.166



85, 6.082, 354.220

Rectangle

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



88, 5.971, 173.166



88, 5.971, 223.166



88, 5.971, 353.166



88, 5.971, 43.166

Sweetspot

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



88, 5.973, 173.155



100, 1.980, 173.782



88, 8.605, 133.871



53, 1.126, 173.805



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, 5.973, 173.155



98, 7.920, 173.014



88, 4.621, 214.001



46, 5.064, 172.872



64, 55.677, 159.384



17, 21.370, 163.629

Inverse Universe

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



85, 6.082, 354.220



95, 8.089, 354.367



86, 4.820, 33.746



44, 5.189, 354.515



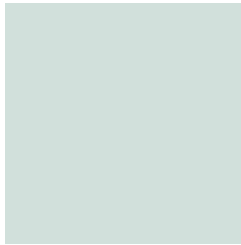
37, 65.367, 17.809



6, 25.434, 5.831

Previews

White Background



This preview shows how the CIELCh color 88, 5.971, 173.166 looks on a white background.

Color Contrast Check

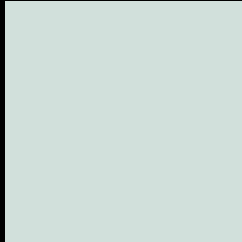
Large Text (above 18pt) WCAG AA × Fail

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, 5.971, 173.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

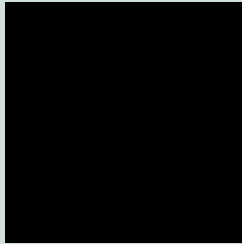
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

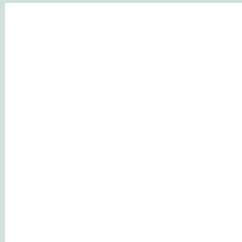
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 5.971, 173.166

Background



This preview shows how black text looks on a background with the CIELCh color 88, 5.971, 173.166.

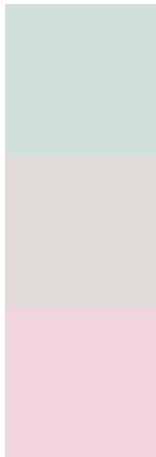


This preview shows how white text looks on a background with the CIELCh color 88, 5.971, 173.166.

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

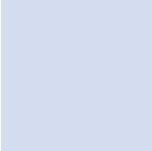
88, 5.971, 173.166

Protanopia

88, 2.664, 55.181

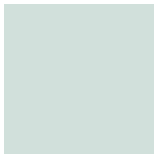
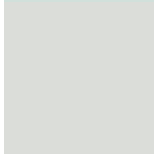

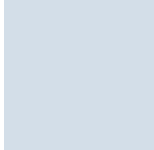
Deuteranopia

88, 11.032, 358.041

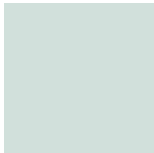
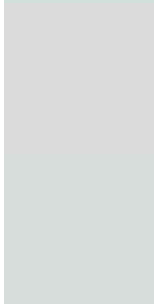


Tritanopia
88, 9.834, 272.660

Trichromacy

	Original Color 88, 5.971, 173.166
	Protanomaly 88, 2.205, 129.048
	Deuteranomaly 88, 4.630, 359.888
	Tritanomaly 88, 6.410, 254.015

Monochromacy

	Original Color 88, 5.971, 173.166
	Achromatopsia 87, 0.010, 296.813
	Achromatomaly 88, 2.395, 173.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 5.971, 173.166 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(209, 224, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 224, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 5.971, 173.166 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, 219) }
```

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

```
.border{ border-color:rgb(209, 224, 219) }
```

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, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 224, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 224, 219);  
box-shadow:4px 4px 4px 4px rgb(209, 224,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 5.971, 173.166 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, 219) }
```

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

```
.background{ background-color: rgb(209,  
224, 219) }
```

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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