

Converting Colors

CIELCh(87, 9.470, 137.460)

Have a look what the booklet for
CIELCh(87, 9.470, 137.460) contains.

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Color

CIELCh(87, 9.004, 138.528)

Conversions

Conversions Part 1

Format	Color
Hex	D1DDCE
RGB	209, 221, 206
RGB Percent	82%, 87%, 81%
CMY	0.1789, 0.1318, 0.1906
CMYK	0.05, 0.00, 0.07, 0.13
HSL	108°, 18%, 84%
HSV	108°, 7%, 87%
XYZ	63.5515, 70.0064, 68.8016
YIQ	215.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

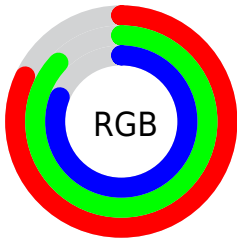
Format	Color
R_{YB}	206, 221, 218
Decimal	13753806
CIE _{Lab}	87.00, -6.75, 5.96
CIE _{LCh}	87, 9.004, 138.528
Y _{xy}	70.0064, 0.3141, 0.3460
Android (android.graphics.Color)	4291943886 (0xFFD1DDCE)
Y _{UV}	215.7020, -4.7831, -5.8777
Hunter-Lab	83.6698, -10.8424, 9.8148

Details

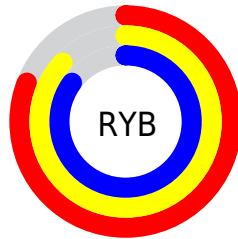
The CIELCh color **87, 9.004, 138.528** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 9.052, 319.087**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 8.835, 138.028** is the 20% darker color. If you saturate the color by 10%, you get **85, 22.404, 138.005**, and if you desaturate by 10%, it is **89, 4.264, 318.896**.

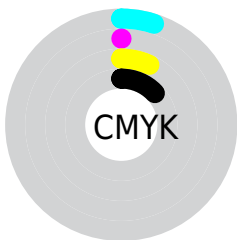
Distribution



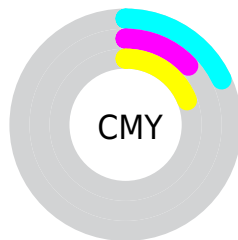
- Red (82%)
- Green (87%)
- Blue (81%)



- Red (81%)
- Yellow (87%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 9.004, 138.528 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 87, 9.004, 138.528 by changing the saturation by 10% instead.

■ 87, 9.004, 138.528

■ 87, 9.004, 138.528

■ 100, 9.004,
138.528

■ 77, 9.004, 138.528

■ 67, 9.004, 138.528

■ 57, 9.004, 138.528

■ 47, 9.004, 138.528

■ 37, 9.004, 138.528

■ 27, 9.004, 138.528

■ 17, 9.004, 138.528

■ 7, 9.004, 138.528

■ 0, 9.004, 138.528

87, 9.004, 138.528

87, 9.004, 138.528

85, 22.404,
138.005

89, 4.264, 318.896

84, 35.800,
137.424

91, 17.318,
319.319

82, 49.019,
136.786

92, 21.031,
325.156

81, 61.817,
136.108

80, 73.865,
135.433

79, 84.725,
134.835

79, 93.854,
134.428

78, 100.678,
134.342

■ 78,104.861,
134.653

Harmonies

Complementary

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



87, 9.004, 138.528



84, 9.052, 319.087

Rectangle

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



87, 9.004, 138.528



87, 9.004, 188.528



87, 9.004, 318.528



87, 9.004, 8.528

Sweetspot

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



87, 9.006, 138.530



100, 2.963, 138.809



87, 6.343, 99.611



53, 1.684, 138.818



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 9.006, 138.530



98, 11.930, 138.464



87, 7.751, 153.864



45, 7.497, 138.394



62, 88.021, 134.609



16, 31.966, 136.425

Inverse Universe

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



84, 9.052, 319.087



95, 11.992, 319.148



84, 7.787, 334.700



43, 7.539, 319.212



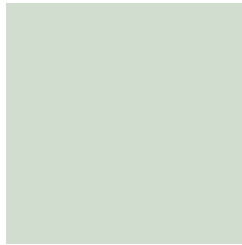
35, 88.186, 320.739



5, 33.544, 321.108

Previews

White Background



This preview shows how the CIELCh color 87, 9.004, 138.528 looks on a white background.

Color Contrast Check

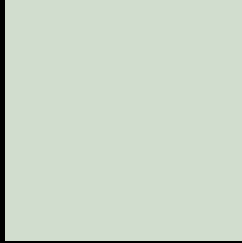
Large Text (above 18pt) WCAG AA × Fail

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 87, 9.004, 138.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

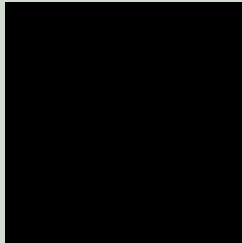
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

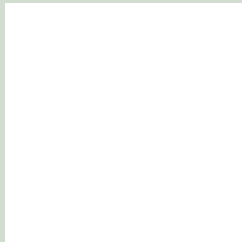
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 9.004, 138.528

Background



This preview shows how black text looks on a background with the CIELCh color 87, 9.004, 138.528.



This preview shows how white text looks on a background with the CIELCh color 87, 9.004, 138.528.

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](#).

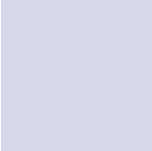
Dichromacy



Original Color
87, 9.004, 138.528

Protanopia
87, 7.382, 85.907

Deuteranopia
87, 11.919, 22.735



Tritanopia
87, 8.948, 284.246

Trichromacy



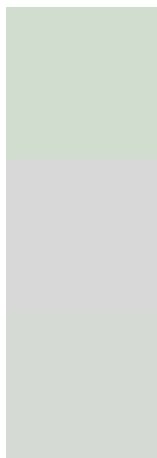
Original Color
87, 9.004, 138.528

Protanomaly
87, 7.293, 109.556

Deuteranomaly
87, 6.680, 47.599

Tritanomaly
87, 3.572, 246.626

Monochromacy



Original Color
87, 9.004, 138.528

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 2.994, 138.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 9.004, 138.528 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, 221, 206)` looks like.

```
.text, #text, p{  
    color:rgb(209, 221, 206)  
}
```

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, 221, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 221, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 9.004, 138.528 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, 221, 206) }
```

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

```
.border{ border-color:rgb(209, 221, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 221, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 221, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 221, 206);  
box-shadow:4px 4px 4px 4px rgb(209, 221,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 9.004, 138.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 221, 206) }
```

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

```
.background{ background-color: rgb(209,  
221, 206) }
```

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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