

Converting Colors

CIELCh(87, 5.175, 149.201)

Have a look what the booklet for
CIELCh(87, 5.175, 149.201) contains.

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Color

CIELCh(87, 4.914, 151.125)

Conversions

Conversions Part 1

Format	Color
Hex	D3DCD5
RGB	211, 220, 213
RGB Percent	83%, 86%, 84%
CMY	0.1716, 0.1363, 0.1638
CMYK	0.04, 0.00, 0.03, 0.14
HSL	133°, 11%, 85%
HSV	133°, 4%, 86%
XYZ	64.6229, 70.0064, 73.2101
YIQ	216.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

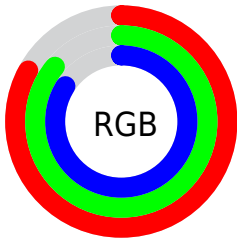
Format	Color
R _Y B	211, 218, 220
Decimal	13884629
CIE Lab	87.00, -4.30, 2.37
CIE LCh	87, 4.914, 151.125
Yxy	70.0064, 0.3109, 0.3368
Android (android.graphics.Color)	4292074709 (0xFFD3DCD5)
YUV	216.5110, -1.7309, -4.8331
Hunter-Lab	83.6698, -8.5566, 6.6909

Details

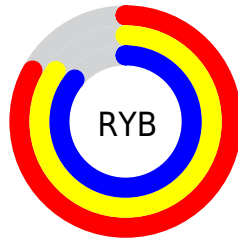
The CIELCh color $87, 4.914, 151.125$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $86, 4.938, 331.503$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $67, 4.944, 147.809$ is the 20% darker color. If you saturate the color by 10%, you get $85, 17.054, 150.368$, and if you desaturate by 10%, it is $89, 7.066, 331.617$.

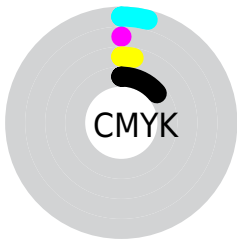
Distribution



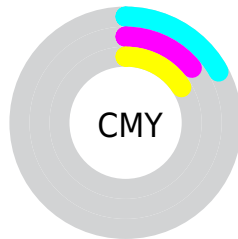
- Red (83%)
- Green (86%)
- Blue (84%)



- Red (83%)
- Yellow (85%)
- Blue (86%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 4.914, 151.125 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, 4.914, 151.125 by changing the saturation by 10% instead.

■ 87, 4.914, 151.125

■ 87, 4.914, 151.125

■ 100, 4.914,
151.125

■ 77, 4.914, 151.125

■ 67, 4.914, 151.125

■ 57, 4.914, 151.125

■ 47, 4.914, 151.125

■ 37, 4.914, 151.125

■ 27, 4.914, 151.125

■ 17, 4.914, 151.125

■ 7, 4.914, 151.125

■ 0, 4.914, 151.125

87, 4.914, 151.125

87, 4.914, 151.125

85, 17.054,
150.368

89, 7.066, 331.617

83, 29.217,
149.543

91, 18.737,
331.946

82, 41.234,
148.592

92, 21.761,
325.182

80, 52.897,
147.493

79, 63.962,
146.231

79, 74.168,
144.800

78, 83.256,
143.212

77, 90.995,
141.513

■ 77, 97.200,
139.788

Harmonies

Complementary

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



87, 4.914, 151.125



86, 4.938, 331.503

Rectangle

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



87, 4.914, 151.125



87, 4.914, 201.125



87, 4.914, 331.125



87, 4.914, 21.125

Sweetspot

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



87, 4.916, 151.122



100, 1.344, 151.533



87, 4.747, 118.372



53, 0.764, 151.551



0, 0.000, 0.000



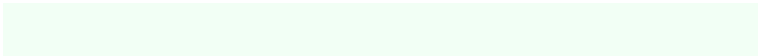
53, 0.007, 296.813

Same Dimension

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



87, 4.916, 151.122



99, 6.777, 151.046



87, 3.497, 176.902



46, 4.087, 150.999



62, 83.226, 139.139



15, 30.064, 144.241

Inverse Universe

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



86, 4.938, 331.503



97, 6.803, 331.576



85, 3.548, 357.358



44, 4.102, 331.621



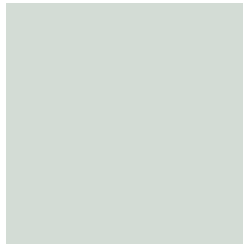
39, 72.973, 339.470



6, 29.557, 337.121

Previews

White Background



This preview shows how the CIELCh color 87, 4.914, 151.125 looks on a white background.

Color Contrast Check

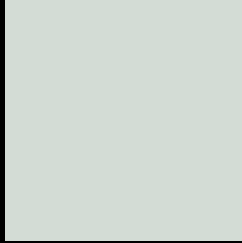
Large Text (above 18pt) WCAG AA × Fail

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, 4.914, 151.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

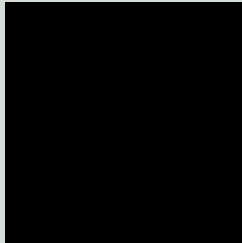
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

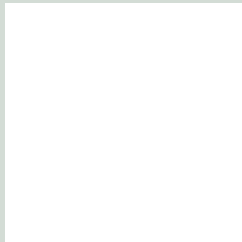
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 4.914, 151.125

Background



This preview shows how black text looks on a background with the CIELCh color 87, 4.914, 151.125.

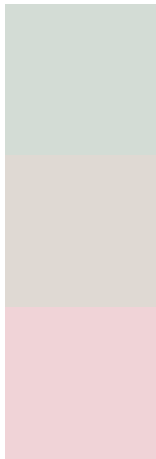


This preview shows how white text looks on a background with the CIELCh color 87, 4.914, 151.125.

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](#).

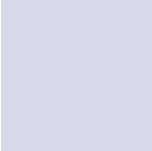
Dichromacy



Original Color
87, 4.914, 151.125

Protanopia
87, 3.802, 74.662

Deuteranopia
87, 10.869, 9.144



Tritanopia
87, 8.920, 286.459

Trichromacy



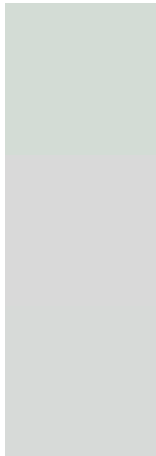
Original Color
87, 4.914, 151.125

Protanomaly
87, 3.141, 103.246

Deuteranomaly
87, 5.852, 19.734

Tritanomaly
87, 4.401, 271.858

Monochromacy



Original Color
87, 4.914, 151.125

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 1.505, 155.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 4.914, 151.125 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(211, 220, 213)` looks like.

```
.text, #text, p{  
    color:rgb(211, 220, 213)  
}
```

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(211, 220, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 220, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 4.914, 151.125 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(211, 220, 213) }
```

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

```
.border{ border-color:rgb(211, 220, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 220, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 220, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 220, 213);  
box-shadow:4px 4px 4px 4px rgb(211, 220,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 4.914, 151.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 220, 213) }
```

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

```
.background{ background-color: rgb(211,  
220, 213) }
```

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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