

Converting Colors

CIELCh(87, 3.658, 169.172)

Have a look what the booklet for
CIELCh(87, 3.658, 169.172) contains.

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Color

CIELCh(87, 3.863, 166.527)

Conversions

Conversions Part 1

Format	Color
Hex	D3DCD8
RGB	211, 220, 216
RGB Percent	83%, 86%, 85%
CMY	0.1725, 0.1372, 0.1529
CMYK	0.04, 0.00, 0.02, 0.14
HSL	153°, 11%, 85%
HSV	153°, 4%, 86%
XYZ	64.8641, 70.0064, 75.0720
YIQ	216.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

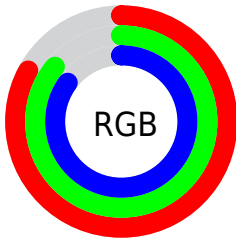
Format	Color
R _Y B	211, 217, 220
Decimal	13884632
CIE Lab	87.00, -3.76, 0.90
CIE LCh	87, 3.863, 166.527
Yxy	70.0064, 0.3090, 0.3335
Android (android.graphics.Color)	4292074712 (0xFFD3DCD8)
YUV	216.8530, -0.4205, -5.1331
Hunter-Lab	83.6698, -8.0420, 5.3715

Details

The CIELCh color $87, 3.863, 166.527$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 3.902, 346.979$, 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 $67, 4.077, 166.389$ is the 20% darker color. If you saturate the color by 10%, you get $85, 13.311, 165.524$, and if you desaturate by 10%, it is $89, 5.583, 347.143$.

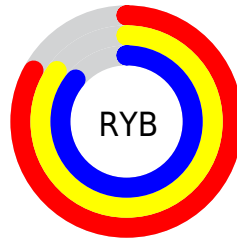
Distribution



Red (83%)

Green (86%)

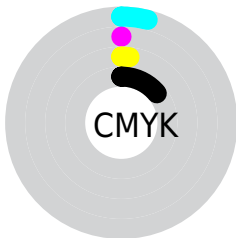
Blue (85%)



Red (83%)

Yellow (85%)

Blue (86%)

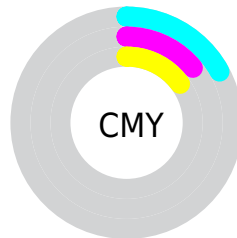


Cyan (4%)

Magenta (0%)

Yellow (2%)

Black (14%)



Cyan (17%)

Magenta (14%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 3.863, 166.527 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, 3.863, 166.527 by changing the saturation by 10% instead.

■ 87, 3.863, 166.527

■ 87, 3.863, 166.527

■ 100, 3.863,
166.527

■ 77, 3.863, 166.527

■ 67, 3.863, 166.527

■ 57, 3.863, 166.527

■ 47, 3.863, 166.527

■ 37, 3.863, 166.527

■ 27, 3.863, 166.527

■ 17, 3.863, 166.527

■ 7, 3.863, 166.527

■ 0, 3.863, 166.527

87, 3.863, 166.527

87, 3.863, 166.527

85, 13.311,
165.524

89, 5.583, 347.143

84, 22.641,
164.511

91, 14.940,
347.940

82, 31.722,
163.395

91, 18.076,
334.219

81, 40.399,
162.148


92, 21.896,
325.186

80, 48.512,
160.745

79, 55.910,
159.159

79, 62.475,
157.370

78, 68.148,
155.365

 78, 72.953,
153.156

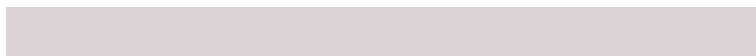
Harmonies

Complementary

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



87, 3.863, 166.527



85, 3.902, 346.979

Rectangle

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



87, 3.863, 166.527



87, 3.863, 216.527



87, 3.863, 346.527



87, 3.863, 36.527

Sweetspot

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



87, 3.865, 166.514



100, 1.059, 167.142



87, 5.042, 130.653



53, 0.602, 167.172



0, 0.000, 0.000



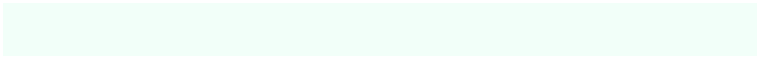
53, 0.007, 296.813

Same Dimension

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



87, 3.865, 166.514



99, 5.325, 166.409



87, 3.045, 203.825



46, 3.210, 166.345



62, 62.711, 152.221



16, 23.060, 156.970

Inverse Universe

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



85, 3.902, 346.979



97, 5.380, 347.084



85, 3.126, 23.774



44, 3.246, 347.149



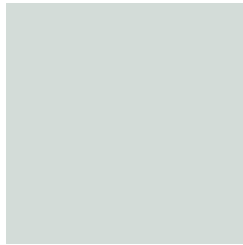
37, 63.227, 7.080



6, 24.586, 358.323

Previews

White Background



This preview shows how the CIELCh color 87, 3.863, 166.527 looks on a white background.

Color Contrast Check

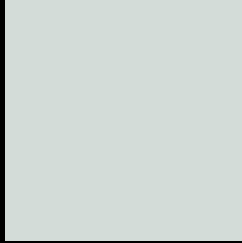
Large Text (above 18pt) WCAG AA × Fail

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, 3.863, 166.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

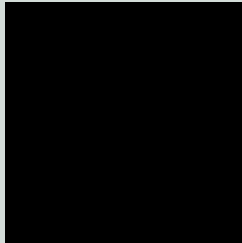
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

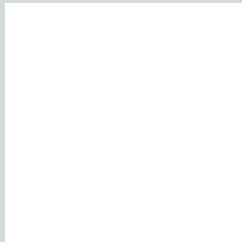
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 3.863, 166.527

Background



This preview shows how black text looks on a background with the CIELCh color 87, 3.863, 166.527.

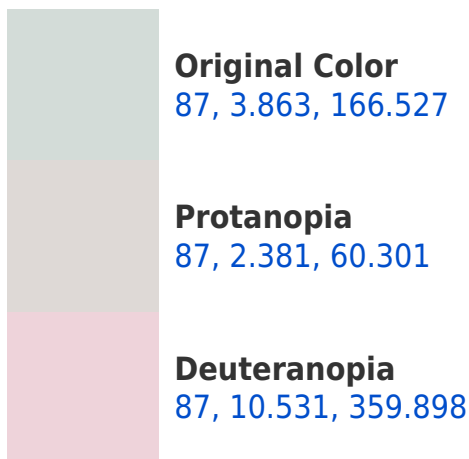


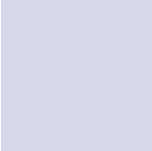
This preview shows how white text looks on a background with the CIELCh color 87, 3.863, 166.527.

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





Tritanopia
87, 8.948, 284.246

Trichromacy



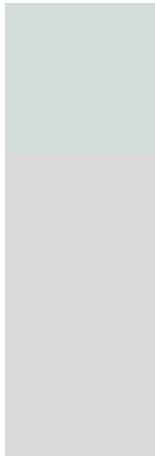
Original Color
87, 3.863, 166.527

Protanomaly
87, 1.557, 110.003

Deuteranomaly
87, 5.336, 2.631

Tritanomaly
87, 5.004, 270.026

Monochromacy



Original Color
87, 3.863, 166.527

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 1.198, 173.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 3.863, 166.527 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(211, 220, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 220, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 3.863, 166.527 is called "border". The border property can be set on classes, ids or directly on the HTML element.

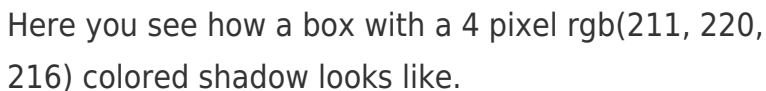
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 220, 216) }
```

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

```
.border{ border-color:rgb(211, 220, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 220, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 220, 216); box-shadow:4px 4px 4px 4px rgb(211, 220, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 3.863, 166.527 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, 216) }
```

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

```
.background{ background-color: rgb(211,  
220, 216) }
```

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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