

Converting Colors

CIELCh(87, 3.949, 156.548)

Have a look what the booklet for
CIELCh(87, 3.949, 156.548) contains.

CIELCh(87, 3.904, 157.321)	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(87, 3.904, 157.321)

Conversions

Conversions Part 1

Format	Color
Hex	D4DCD7
RGB	212, 220, 215
RGB Percent	83%, 86%, 84%
CMY	0.1691, 0.1377, 0.1573
CMYK	0.04, 0.00, 0.02, 0.14
HSL	142°, 10%, 85%
HSV	142°, 4%, 86%
XYZ	64.9325, 70.0064, 74.3031
YIQ	217.0380, -3.1630, -3.2510

Conversions

Conversions Part 2

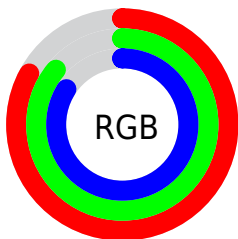
Format	Color
R _Y B	212, 218, 220
Decimal	13950167
CIE Lab	87.00, -3.60, 1.51
CIE LCh	87, 3.904, 157.321
Yxy	70.0064, 0.3103, 0.3346
Android (android.graphics.Color)	4292140247 (0xFFD4DCD7)
YUV	217.0380, -1.0047, -4.4183
Hunter-Lab	83.6698, -7.8962, 5.9163

Details

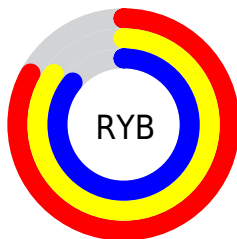
The CIELCh color $87, 3.904, 157.321$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $86, 3.930, 337.644$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $67, 4.124, 157.214$ is the 20% darker color. If you saturate the color by 10%, you get $85, 14.716, 156.453$, and if you desaturate by 10%, it is $89, 6.803, 337.857$.

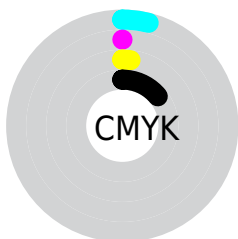
Distribution



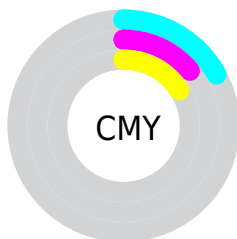
- Red (83%)
- Green (86%)
- Blue (84%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 3.904, 157.321 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, 3.904, 157.321 by changing the saturation by 10% instead.



87, 3.904, 157.321

87, 3.904, 157.321

85, 14.716,
156.453

89, 6.803, 337.857

83, 25.512,
155.548

91, 17.099,
337.792

82, 36.147,
154.525

92, 21.980,
325.189

81, 46.446,
153.356

80, 56.217,
152.017

79, 65.267,
150.488

78, 73.423,
148.758

78, 80.566,
146.832

■ 77, 86.647,
144.747

Harmonies

Complementary

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



87, 3.904, 157.321



86, 3.930, 337.644

Rectangle

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



87, 3.904, 157.321



87, 3.904, 207.321



87, 3.904, 337.321



87, 3.904, 27.321

Sweetspot

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



87, 3.906, 157.314



100, 1.202, 157.768



87, 4.311, 124.115



53, 0.683, 157.791



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, 3.906, 157.314



99, 4.844, 157.275



87, 2.914, 188.358



46, 3.043, 157.211



62, 74.795, 143.791



15, 27.176, 148.486

Inverse Universe

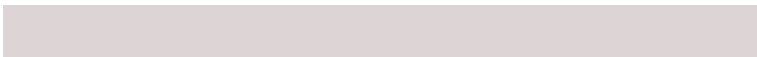
The Inverse Universe completely reimagines the original color for something new.



86, 3.930, 337.644



97, 4.873, 337.682



86, 2.969, 8.579



45, 3.061, 337.745



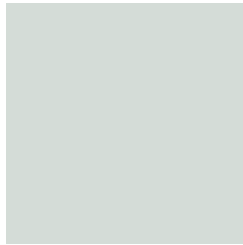
38, 66.287, 350.622



6, 26.727, 345.791

Previews

White Background



This preview shows how the CIELCh color 87, 3.904, 157.321 looks on a white background.

Color Contrast Check

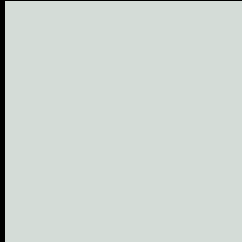
Large Text (above 18pt) WCAG AA × Fail

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, 3.904, 157.321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

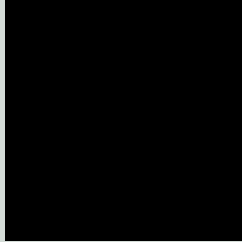
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

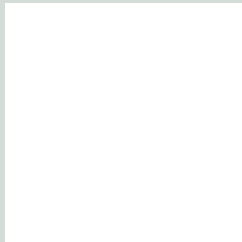
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 3.904, 157.321

Background



This preview shows how black text looks on a background with the CIELCh color 87, 3.904, 157.321.

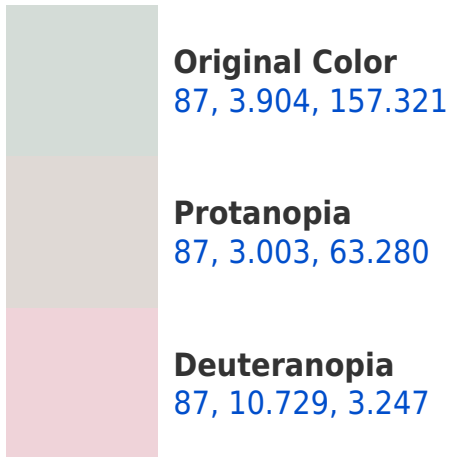


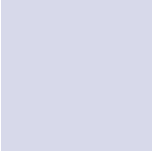
This preview shows how white text looks on a background with the CIELCh color 87, 3.904, 157.321.

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, 8.920, 286.459

Trichromacy



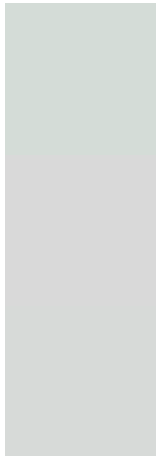
Original Color
87, 3.904, 157.321

Protanomaly
87, 2.107, 100.068

Deuteranomaly
87, 5.570, 8.923

Tritanomaly
87, 4.898, 273.889

Monochromacy



Original Color
87, 3.904, 157.321

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, 3.904, 157.321 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(212, 220, 215)` looks like.

```
.text, #text, p{  
    color:rgb(212, 220, 215)  
}
```

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(212, 220, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 220, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 3.904, 157.321 is called "border". The border property can be set on classes, ids or directly on the HTML element.

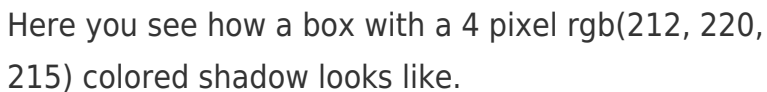
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 220, 215) }
```

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

```
.border{ border-color:rgb(212, 220, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(212, 220, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 220, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 220, 215); box-shadow:4px 4px 4px 4px rgb(212, 220, 215) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 3.904, 157.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 220, 215) }
```

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

```
.background{ background-color: rgb(212,  
220, 215) }
```

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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