

Converting Colors

CIELCh(86, 4.022, 169.231)

Have a look what the booklet for
CIELCh(86, 4.022, 169.231) contains.

CIELCh(86, 3.873, 166.521)	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(86, 3.873, 166.521)

Conversions

Conversions Part 1

Format	Color
Hex	D0D9D5
RGB	208, 217, 213
RGB Percent	82%, 85%, 84%
CMY	0.1835, 0.1482, 0.1639
CMYK	0.04, 0.00, 0.02, 0.15
HSL	153°, 11%, 83%
HSV	153°, 4%, 85%
XYZ	62.9732, 67.9871, 72.8922
YIQ	213.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

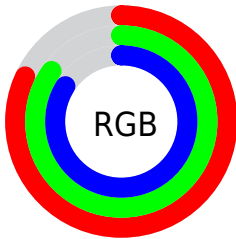
Format	Color
RYB	208, 214, 217
Decimal	13687253
CIELab	86.00, -3.77, 0.90
CIELCh	86, 3.873, 166.521
Yxy	67.9871, 0.3089, 0.3335
Android (android.graphics.Color)	4291877333 (0xFFD0D9D5)
YUV	213.8530, -0.4205, -5.1331
Hunter-Lab	82.4543, -7.9684, 5.3037

Details

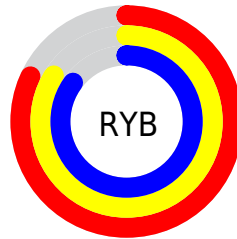
The CIELCh color $86, 3.873, 166.521$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 3.912, 346.985$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 3.780, 163.346$ is the 20% darker color. If you saturate the color by 10%, you get $84, 13.222, 165.520$, and if you desaturate by 10%, it is $88, 5.475, 347.138$.

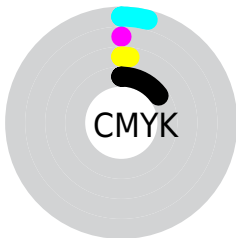
Distribution



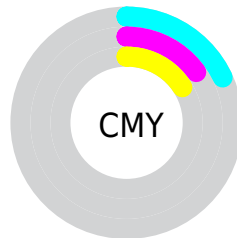
- Red (82%)
- Green (85%)
- Blue (84%)



- Red (82%)
- Yellow (84%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 3.873, 166.521 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 86, 3.873, 166.521 by changing the saturation by 10% instead.

■ 86, 3.873, 166.521

■ 86, 3.873, 166.521

■ 100, 3.873,
166.521

■ 76, 3.873, 166.521

■ 66, 3.873, 166.521

■ 56, 3.873, 166.521

■ 46, 3.873, 166.521

■ 36, 3.873, 166.521

■ 26, 3.873, 166.521

■ 16, 3.873, 166.521

■ 6, 3.873, 166.521

■ 0, 3.873, 166.521

86, 3.873, 166.521

86, 3.873, 166.521

84, 13.222,
165.520

88, 5.475, 347.138

83, 22.455,
164.507

90, 14.743,
347.954

81, 31.440,
163.392

91, 18.680,
336.973

80, 40.026,
162.146

91, 22.355,
327.622


79, 48.054,
160.743

91, 23.666,
325.249

78, 55.375,
159.158

78, 61.872,
157.370

77, 67.487,
155.367

 77, 72.243,
153.161

Harmonies

Complementary

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



86, 3.873, 166.521



84, 3.912, 346.985

Rectangle

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



86, 3.873, 166.521



86, 3.873, 216.521



86, 3.873, 346.521



86, 3.873, 36.521

Sweetspot

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



86, 3.875, 166.508



100, 1.059, 167.142



86, 5.055, 130.650



53, 0.602, 167.172



0, 0.000, 0.000



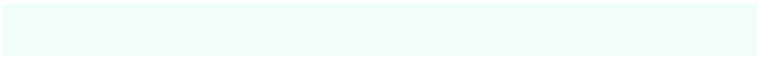
53, 0.007, 296.813

Same Dimension

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



86, 3.875, 166.508



99, 5.325, 166.409



86, 3.053, 203.821



46, 3.210, 166.345



62, 62.711, 152.220



16, 23.060, 156.970

Inverse Universe

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



84, 3.912, 346.985



97, 5.380, 347.084



84, 3.134, 23.779



44, 3.246, 347.149



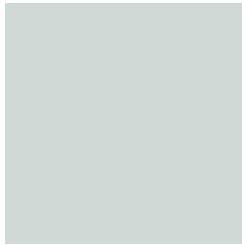
37, 63.227, 7.080



6, 24.586, 358.323

Previews

White Background



This preview shows how the CIELCh color 86, 3.873, 166.521 looks on a white background.

Color Contrast Check

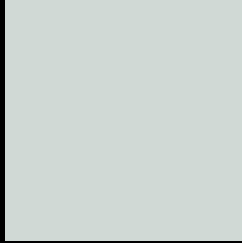
Large Text (above 18pt) WCAG AA × Fail

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 86, 3.873, 166.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

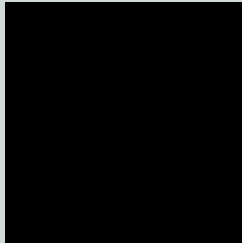
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

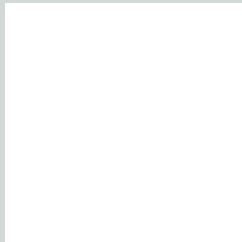
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 3.873, 166.521

Background



This preview shows how black text looks on a background with the CIELCh color 86, 3.873, 166.521.

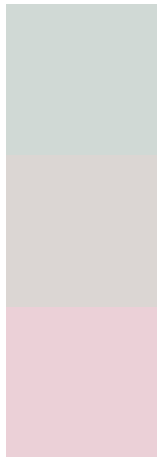


This preview shows how white text looks on a background with the CIELCh color 86, 3.873, 166.521.

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

86, 3.873, 166.521

Protanopia

86, 2.388, 60.299

Deuteranopia

86, 10.559, 359.913



Tritanopia
86, 8.971, 284.259

Trichromacy



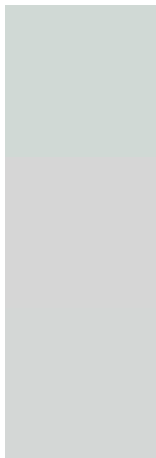
Original Color
86, 3.873, 166.521

Protanomaly
86, 1.561, 110.002

Deuteranomaly
86, 5.350, 2.640

Tritanomaly
86, 5.509, 272.027

Monochromacy



Original Color
86, 3.873, 166.521

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 1.201, 173.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 3.873, 166.521 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(208, 217, 213)` looks like.

```
.text, #text, p{  
    color:rgb(208, 217, 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(208, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 217, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 3.873, 166.521 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(208, 217, 213) }
```

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

```
.border{ border-color:rgb(208, 217, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 217, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(208, 217,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 3.873, 166.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 217, 213) }
```

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

```
.background{ background-color: rgb(208,  
217, 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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