

Converting Colors

CIELCh(86, 4.443, 236.411)

Have a look what the booklet for
CIELCh(86, 4.443, 236.411) contains.

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Color

CIELCh(86, 4.356, 236.400)

Conversions

Conversions Part 1

Format	Color
Hex	CFD9DE
RGB	207, 217, 222
RGB Percent	81%, 85%, 87%
CMY	0.1892, 0.1500, 0.1304
CMYK	0.07, 0.02, 0.00, 0.13
HSL	200°, 18%, 84%
HSV	200°, 7%, 87%
XYZ	63.5626, 67.9871, 78.7033
YIQ	214.5800, -7.5650, -0.5650

Conversions

Conversions Part 2

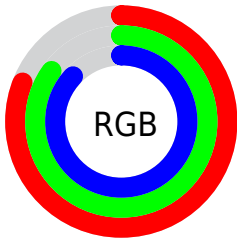
Format	Color
R_{YB}	207, 213, 222
Decimal	13621726
CIE Lab	86.00, -2.41, -3.63
CIE LCh	86, 4.356, 236.400
Yxy	67.9871, 0.3023, 0.3234
Android (android.graphics.Color)	4291811806 (0xFFCFD9DE)
YUV	214.5800, 3.6581, -6.6477
Hunter-Lab	82.4543, -6.6924, 1.1252

Details

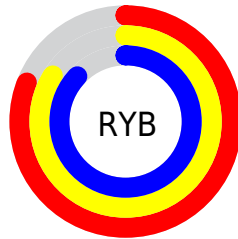
The CIELCh color `86, 4.356, 236.400` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 4.497, 55.018`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 4.292, 239.538` is the 20% darker color. If you saturate the color by 10%, you get `83, 10.586, 237.342`, and if you desaturate by 10%, it is `90, 2.111, 55.165`.

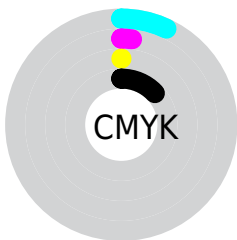
Distribution



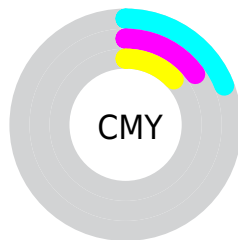
- Red (81%)
- Green (85%)
- Blue (87%)



- Red (81%)
- Yellow (84%)
- Blue (87%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (15%)
- Yellow (13%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 4.356, 236.400 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, 4.356, 236.400 by changing the saturation by 10% instead.

 86, 4.356, 236.400

 86, 4.356, 236.400

 100, 4.356,
236.400

 76, 4.356, 236.400

 66, 4.356, 236.400

 56, 4.356, 236.400

 46, 4.356, 236.400

 36, 4.356, 236.400

 26, 4.356, 236.400

 16, 4.356, 236.400

 6, 4.356, 236.400

 0, 4.356, 236.400

86, 4.356, 236.400

86, 4.356, 236.400

83, 10.586,
237.342

90, 2.111, 55.165

79, 16.517,
238.627

93, 8.757, 54.681

76, 22.079,
240.247

95, 10.577, 75.486

73, 27.206,
242.275

99, 16.174,
107.245

70, 31.846,
244.798

99, 16.817,
108.906

67, 35.976,
247.901

64, 39.625,
251.655

62, 42.886,
256.078

■ 59, 45.931,
261.078

Harmonies

Complementary

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



86, 4.356, 236.400



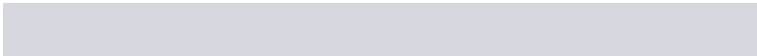
85, 4.497, 55.018

Rectangle

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



86, 4.356, 236.400



86, 4.356, 286.400



86, 4.356, 56.400



86, 4.356, 106.400

Sweetspot

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



86, 4.356, 236.371



99, 1.458, 236.232



87, 7.647, 154.541



53, 0.829, 236.245



0, 0.000, 0.000



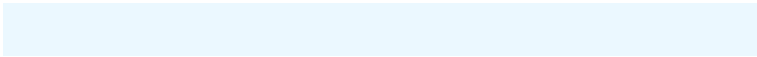
53, 0.007, 296.813

Same Dimension

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



86, 4.356, 236.371



97, 5.757, 236.475



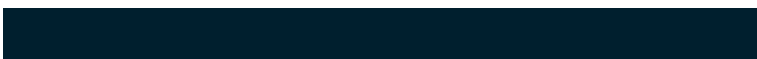
84, 6.516, 282.193



44, 3.606, 236.593



46, 38.681, 261.770



10, 14.185, 251.213

Inverse Universe

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



84, 7.595, 336.081



95, 10.075, 336.182



87, 6.448, 100.609



43, 6.333, 336.287



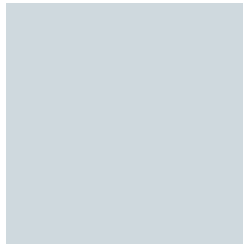
38, 67.809, 347.278



6, 27.428, 343.189

Previews

White Background



This preview shows how the CIELCh color 86, 4.356, 236.400 looks on a white background.

Color Contrast Check

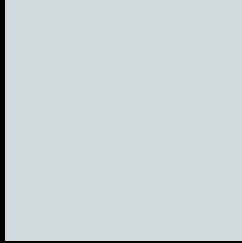
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 86, 4.356, 236.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

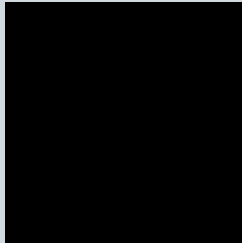
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

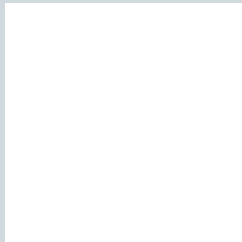
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 4.356, 236.400

Background



This preview shows how black text looks on a background with the CIELCh color 86, 4.356, 236.400.

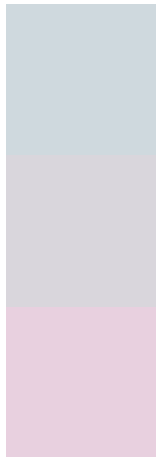


This preview shows how white text looks on a background with the CIELCh color 86, 4.356, 236.400.

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, 4.356, 236.400

Protanopia

86, 3.348, 309.149

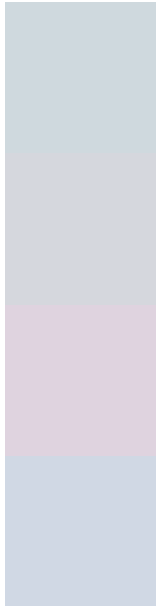
Deuteranopia

86, 11.736, 338.220



Tritanopia
86, 9.200, 275.675

Trichromacy



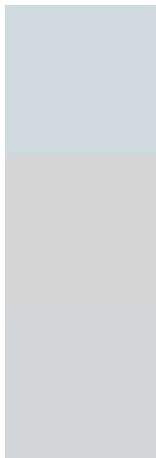
Original Color
86, 4.356, 236.400

Protanomaly
86, 3.223, 277.723

Deuteranomaly
86, 7.670, 324.700

Tritanomaly
86, 6.837, 266.635

Monochromacy



Original Color
86, 4.356, 236.400

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 1.765, 236.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 4.356, 236.400 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(207, 217, 222)` looks like.

```
.text, #text, p{  
    color:rgb(207, 217, 222)  
}
```

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(207, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 217, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 4.356, 236.400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

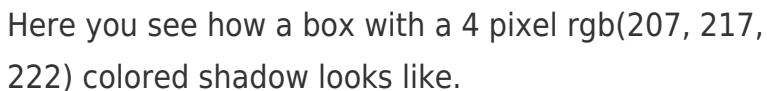
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 217, 222) }
```

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

```
.border{ border-color:rgb(207, 217, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 217, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 217, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 217, 222); box-shadow:4px 4px 4px 4px rgb(207, 217, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 4.356, 236.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 217, 222) }
```

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

```
.background{ background-color: rgb(207,  
217, 222) }
```

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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