

Converting Colors

CIELCh(86, 3.200, 233.994)

Have a look what the booklet for
CIELCh(86, 3.200, 233.994) contains.

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Color

CIELCh(86, 3.226, 240.082)

Conversions

Conversions Part 1

Format	Color
Hex	D1D8DC
RGB	209, 216, 220
RGB Percent	82%, 85%, 86%
CMY	0.1795, 0.1521, 0.1364
CMYK	0.05, 0.02, 0.00, 0.14
HSL	202°, 14%, 84%
HSV	202°, 5%, 86%
XYZ	63.9128, 67.9871, 77.6138
YIQ	214.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

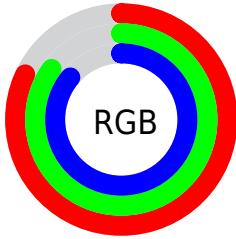
Format	Color
R_{YB}	209, 213, 220
Decimal	13752540
CIE _{Lab}	86.00, -1.61, -2.80
CIE _{LCh}	86, 3.226, 240.082
Yxy	67.9871, 0.3051, 0.3245
Android (android.graphics.Color)	4291942620 (0xFFD1D8DC)
YUV	214.3630, 2.7790, -4.7034
Hunter-Lab	82.4543, -5.9342, 1.9087

Details

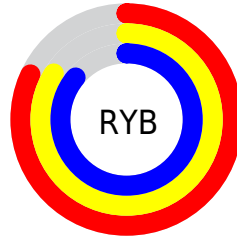
The CIELCh color `86, 3.226, 240.082` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `86, 3.290, 58.809`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `66, 3.125, 244.657` is the 20% darker color. If you saturate the color by 10%, you get `82, 9.518, 241.057`, and if you desaturate by 10%, it is `90, 3.263, 58.821`.

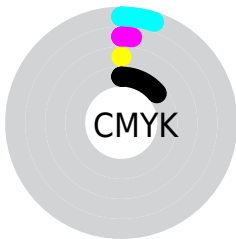
Distribution



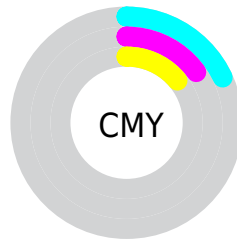
- Red (82%)
- Green (85%)
- Blue (86%)



- Red (82%)
- Yellow (84%)
- Blue (86%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 3.226, 240.082 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, 3.226, 240.082 by changing the saturation by 10% instead.

■ 86, 3.226, 240.082

■ 86, 3.226, 240.082

■ 100, 3.226,
240.082

■ 76, 3.226, 240.082

■ 66, 3.226, 240.082

■ 56, 3.226, 240.082

■ 46, 3.226, 240.082

■ 36, 3.226, 240.082

■ 26, 3.226, 240.082

■ 16, 3.226, 240.082

■ 6, 3.226, 240.082

■ 0, 3.226, 240.082

86, 3.226, 240.082

86, 3.226, 240.082

82, 9.518, 241.057

90, 3.263, 58.821

79, 15.558,
242.413

93, 9.899, 58.179

75, 21.285,
244.105

96, 11.576, 81.312

98, 14.442, 99.137

72, 26.642,
246.201

99, 17.590,
108.847

69, 31.583,
248.781

66, 36.091,
251.928

63, 40.193,
255.703

60, 43.978,
260.115

■ 57, 47.601,
265.077

Harmonies

Complementary

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



86, 3.226, 240.082



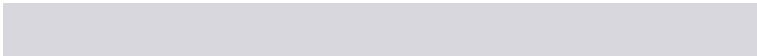
86, 3.290, 58.809

Rectangle

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



86, 3.226, 240.082



86, 3.226, 290.082



86, 3.226, 60.082



86, 3.226, 110.082

Sweetspot

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



86, 3.226, 240.043



100, 0.736, 240.266



87, 5.474, 156.092



53, 0.419, 240.301



0, 0.000, 0.000



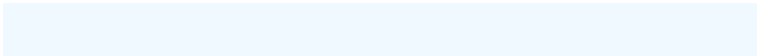
53, 0.007, 296.813

Same Dimension

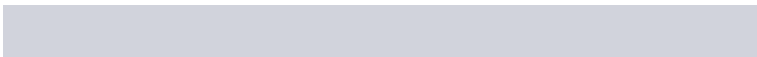
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 3.226, 240.043



98, 4.356, 240.123



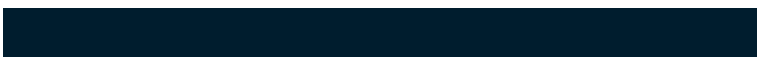
85, 4.954, 283.832



45, 2.550, 240.169



45, 40.906, 266.701



10, 14.715, 256.007

Inverse Universe

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



85, 5.452, 337.253



96, 7.382, 337.343



87, 4.902, 102.681



44, 4.328, 337.388



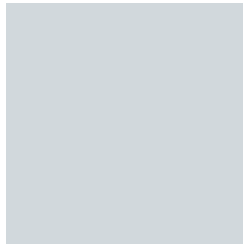
38, 66.681, 349.677



6, 26.914, 345.055

Previews

White Background



This preview shows how the CIELCh color 86, 3.226, 240.082 looks on a white background.

Color Contrast Check

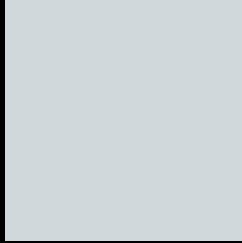
Large Text (above 18pt) WCAG AA × Fail

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, 3.226, 240.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

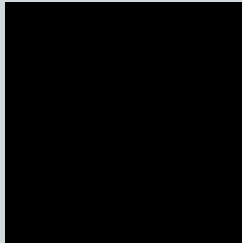
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

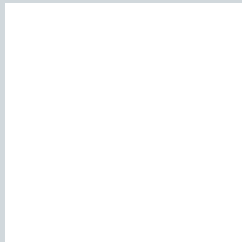
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 3.226, 240.082

Background



This preview shows how black text looks on a background with the CIELCh color 86, 3.226, 240.082.



This preview shows how white text looks on a background with the CIELCh color 86, 3.226, 240.082.

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](#).

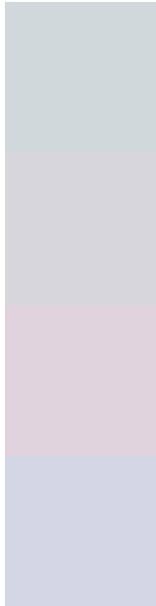
Dichromacy





Tritanopia
86, 8.971, 284.259

Trichromacy



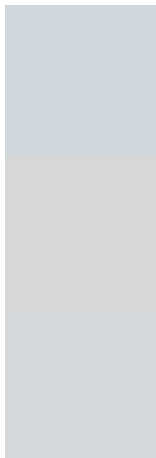
Original Color
86, 3.226, 240.082

Protanomaly
86, 2.106, 290.387

Deuteranomaly
86, 7.068, 331.948

Tritanomaly
86, 6.509, 275.115

Monochromacy



Original Color
86, 3.226, 240.082

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 1.268, 255.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 3.226, 240.082 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(209, 216, 220)` looks like.

```
.text, #text, p{  
    color:rgb(209, 216, 220)  
}
```

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(209, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 216, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 3.226, 240.082 is called "border". The border property can be set on classes, ids or directly on the HTML element.

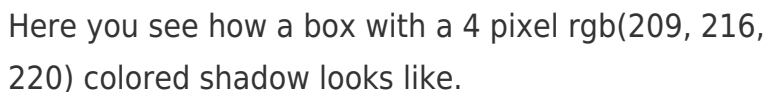
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 216, 220) }
```

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

```
.border{ border-color:rgb(209, 216, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(209, 216,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 3.226, 240.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 216, 220) }
```

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

```
.background{ background-color: rgb(209,  
216, 220) }
```

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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