

Converting Colors

CIELCh(86, 5.367, 273.464)

Have a look what the booklet for
CIELCh(86, 5.367, 273.464) contains.

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Color

CIELCh(86, 5.414, 275.562)

Conversions

Conversions Part 1

Format	Color
Hex	D3D7E1
RGB	211, 215, 225
RGB Percent	83%, 84%, 88%
CMY	0.1720, 0.1563, 0.1171
CMYK	0.06, 0.04, 0.00, 0.12
HSL	223°, 19%, 86%
HSV	223°, 6%, 88%
XYZ	64.8514, 67.9871, 81.0417
YIQ	214.9440, -5.5940, 2.2620

Conversions

Conversions Part 2

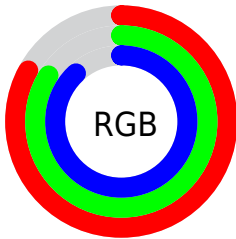
Format	Color
R _Y B	211, 214, 225
Decimal	13883361
CIE Lab	86.00, 0.52, -5.39
CIE LCh	86, 5.414, 275.562
Yxy	67.9871, 0.3032, 0.3179
Android (android.graphics.Color)	4292073441 (0xFFD3D7E1)
YUV	214.9440, 4.9576, -3.4589
Hunter-Lab	82.4543, -3.9025, -0.5562

Details

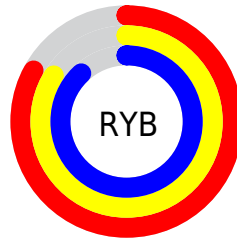
The CIELCh color $86, 5.414, 275.562$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $88, 5.386, 93.940$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 5.713, 275.798$ is the 20% darker color. If you saturate the color by 10%, you get $80, 14.251, 276.928$, and if you desaturate by 10%, it is $92, 3.241, 94.221$.

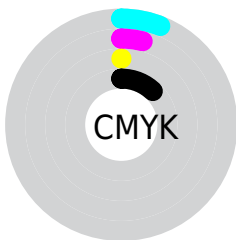
Distribution



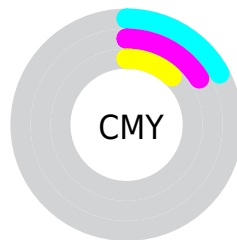
- Red (83%)
- Green (84%)
- Blue (88%)



- Red (83%)
- Yellow (84%)
- Blue (88%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 5.414, 275.562 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, 5.414, 275.562 by changing the saturation by 10% instead.

■ 86, 5.414, 275.562

■ 86, 5.414, 275.562

■ 100, 5.414,
275.562

■ 76, 5.414, 275.562

■ 66, 5.414, 275.562

■ 56, 5.414, 275.562

■ 46, 5.414, 275.562

■ 36, 5.414, 275.562

■ 26, 5.414, 275.562

■ 16, 5.414, 275.562

■ 6, 5.414, 275.562

■ 0, 5.414, 275.562

86, 5.414, 275.562

86, 5.414, 275.562

80, 14.251,
276.928

92, 3.241, 94.221

74, 23.284,
278.567

97, 11.604, 95.273

69, 32.527,
280.488

99, 15.105,
109.036

63, 42.005,
282.732

57, 51.751,
285.327

52, 61.796,
288.274

47, 72.139,
291.521

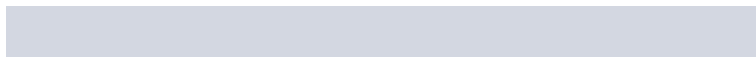
42, 82.671,
294.936

■ 38, 93.063,
298.298

Harmonies

Complementary

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



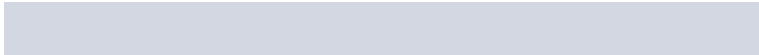
86, 5.414, 275.562



88, 5.386, 93.940

Rectangle

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



86, 5.414, 275.562



86, 5.414, 325.562



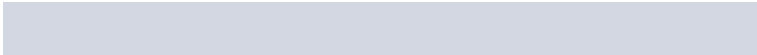
86, 5.414, 95.562



86, 5.414, 145.562

Sweetspot

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



86, 5.412, 275.545



99, 1.924, 275.102



88, 5.460, 175.486



53, 1.094, 275.096



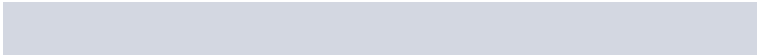
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 5.412, 275.545



96, 6.744, 275.649



85, 7.452, 298.426



45, 3.947, 275.713



28, 79.247, 298.913



5, 25.317, 288.562

Inverse Universe

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



86, 5.525, 357.429



95, 6.891, 357.522



89, 7.341, 117.576



45, 4.036, 357.578



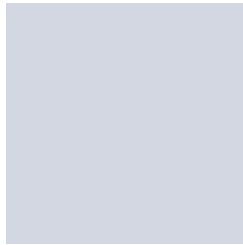
37, 66.762, 22.146



6, 25.336, 8.441

Previews

White Background



This preview shows how the CIELCh color 86, 5.414, 275.562 looks on a white background.

Color Contrast Check

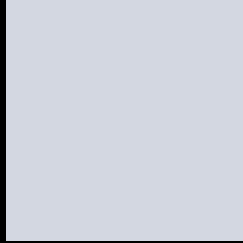
Large Text (above 18pt) WCAG AA × Fail

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, 5.414, 275.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

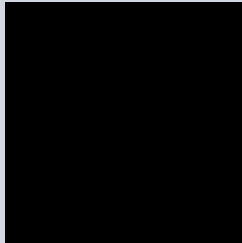
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

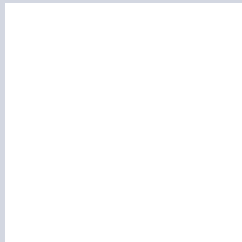
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 5.414, 275.562

Background



This preview shows how black text looks on a background with the CIELCh color 86, 5.414, 275.562.

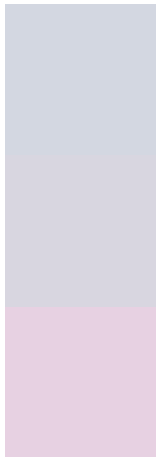


This preview shows how white text looks on a background with the CIELCh color 86, 5.414, 275.562.

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

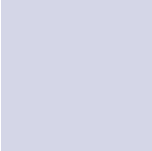
86, 5.414, 275.562

Protanopia

86, 5.313, 298.299

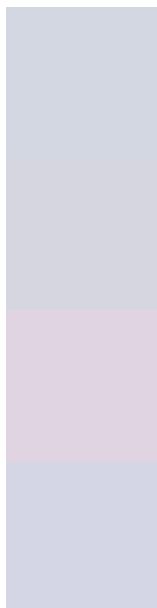
Deuteranopia

86, 11.953, 332.080



Tritanopia
86, 8.943, 286.471

Trichromacy



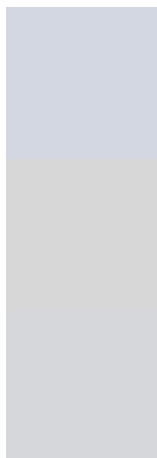
Original Color
86, 5.414, 275.562

Protanomaly
86, 5.255, 290.633

Deuteranomaly
86, 9.187, 321.050

Tritanomaly
86, 7.898, 285.772

Monochromacy



Original Color
86, 5.414, 275.562

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 2.131, 280.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 5.414, 275.562 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, 215, 225)` looks like.

```
.text, #text, p{  
    color:rgb(211, 215, 225)  
}
```

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, 215, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 215, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 5.414, 275.562 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, 215, 225) }
```

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

```
.border{ border-color:rgb(211, 215, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 215, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 215, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 215, 225);  
box-shadow:4px 4px 4px 4px rgb(211, 215,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 5.414, 275.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 215, 225) }
```

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

```
.background{ background-color: rgb(211,  
215, 225) }
```

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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