

Converting Colors

CIELCh(87, 4.380, 226.412)

Have a look what the booklet for
CIELCh(87, 4.380, 226.412) contains.

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Color

CIELCh(87, 4.369, 227.964)

Conversions

Conversions Part 1

Format	Color
Hex	D1DCE0
RGB	209, 220, 224
RGB Percent	82%, 86%, 88%
CMY	0.1810, 0.1379, 0.1222
CMYK	0.07, 0.02, 0.00, 0.12
HSL	196°, 19%, 85%
HSV	196°, 7%, 88%
XYZ	65.2323, 70.0064, 80.4804
YIQ	217.1670, -7.8400, -1.0880

Conversions

Conversions Part 2

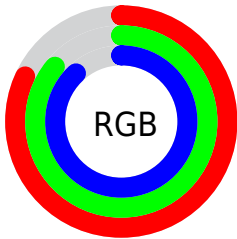
Format	Color
R _Y B	209, 215, 224
Decimal	13753568
CIE Lab	87.00, -2.93, -3.24
CIE LCh	87, 4.369, 227.964
Yxy	70.0064, 0.3024, 0.3245
Android (android.graphics.Color)	4291943648 (0xFFD1DCE0)
YUV	217.1670, 3.3687, -7.1625
Hunter-Lab	83.6698, -7.2566, 1.5390

Details

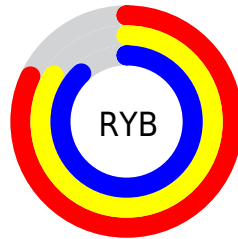
The CIELCh color $87, 4.369, 227.964$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $86, 4.534, 46.955$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $67, 4.269, 230.446$ is the 20% darker color. If you saturate the color by 10%, you get $84, 10.632, 228.592$, and if you desaturate by 10%, it is $90, 2.187, 46.990$.

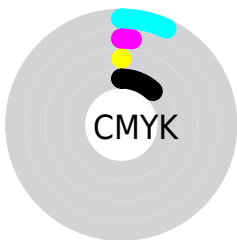
Distribution



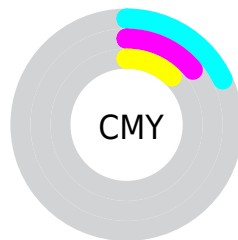
- Red (82%)
- Green (86%)
- Blue (88%)



- Red (82%)
- Yellow (84%)
- Blue (88%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 4.369, 227.964 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, 4.369, 227.964 by changing the saturation by 10% instead.

■ 87, 4.369, 227.964

■ 87, 4.369, 227.964

■ 100, 4.369,
227.964

■ 77, 4.369, 227.964

■ 67, 4.369, 227.964

■ 57, 4.369, 227.964

■ 47, 4.369, 227.964

■ 37, 4.369, 227.964

■ 27, 4.369, 227.964

■ 17, 4.369, 227.964

■ 7, 4.369, 227.964

■ 0, 4.369, 227.964

87, 4.369, 227.964

87, 4.369, 227.964

84, 10.632,
228.592

90, 2.187, 46.990

81, 16.522,
229.531

93, 8.969, 46.767

95, 9.510, 67.899

78, 21.953,
230.765

96, 10.927, 87.123

75, 26.839,
232.363

98, 13.249,
100.692

73, 31.104,
234.408

99, 15.763,
108.986

70, 34.700,
236.993

68, 37.629,
240.208

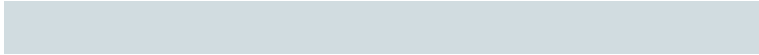
66, 39.960,
244.118

■ 64, 41.855,
248.705

Harmonies

Complementary

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



87, 4.369, 227.964



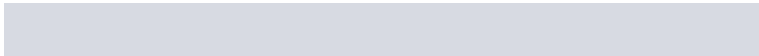
86, 4.534, 46.955

Rectangle

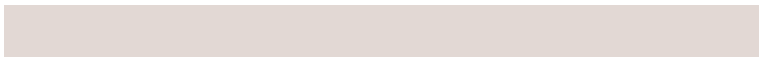
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 4.369, 227.964



87, 4.369, 277.964



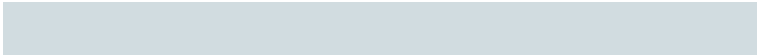
87, 4.369, 47.964



87, 4.369, 97.964

Sweetspot

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



87, 4.369, 227.935



99, 1.466, 227.952



88, 8.018, 151.938



53, 0.834, 227.969



0, 0.000, 0.000



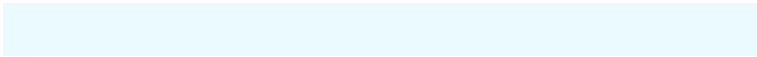
53, 0.007, 296.813

Same Dimension

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



87, 4.369, 227.935



97, 5.780, 228.002



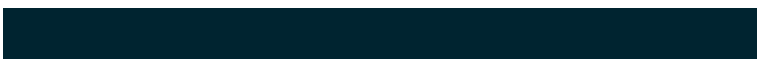
85, 6.042, 278.080



46, 3.687, 228.080



51, 35.282, 249.412



12, 13.859, 240.398

Inverse Universe

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



85, 7.955, 333.360



95, 10.567, 333.458



88, 6.000, 96.411



44, 6.769, 333.557



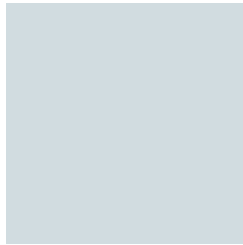
39, 71.492, 342.417



7, 30.022, 339.557

Previews

White Background



This preview shows how the CIELCh color 87, 4.369, 227.964 looks on a white background.

Color Contrast Check

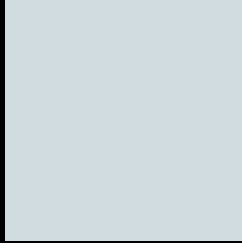
Large Text (above 18pt) WCAG AA × Fail

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 87, 4.369, 227.964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

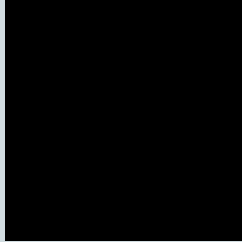
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

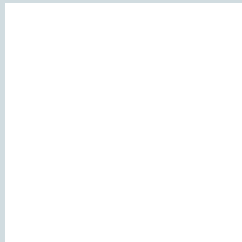
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 4.369, 227.964

Background



This preview shows how black text looks on a background with the CIELCh color 87, 4.369, 227.964.



This preview shows how white text looks on a background with the CIELCh color 87, 4.369, 227.964.

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](#).

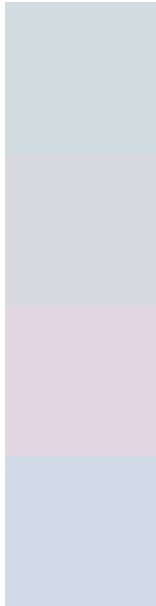
Dichromacy





Tritanopia
87, 9.176, 275.658

Trichromacy



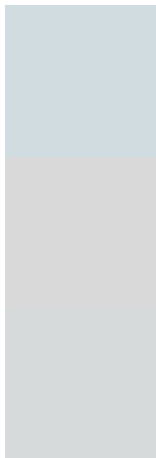
Original Color
87, 4.369, 227.964

Protanomaly
87, 2.708, 275.210

Deuteranomaly
87, 7.017, 324.670

Tritanomaly
87, 6.961, 264.005

Monochromacy



Original Color
87, 4.369, 227.964

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 1.516, 219.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 4.369, 227.964 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, 220, 224)` looks like.

```
.text, #text, p{  
    color:rgb(209, 220, 224)  
}
```

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, 220, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 220, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 4.369, 227.964 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, 220, 224) }
```

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

```
.border{ border-color:rgb(209, 220, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 220, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 220, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 220, 224);  
box-shadow:4px 4px 4px 4px rgb(209, 220,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 4.369, 227.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 220, 224) }
```

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

```
.background{ background-color: rgb(209,  
220, 224) }
```

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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