

Converting Colors

CIELCh(88, 8.365, 269.059)

Have a look what the booklet for
CIELCh(88, 8.365, 269.059) contains.

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Color

CIELCh(88, 8.370, 269.051)

Conversions

Conversions Part 1

Format	Color
Hex	D4DDEC
RGB	212, 221, 236
RGB Percent	83%, 87%, 93%
CMY	0.1670, 0.1317, 0.0729
CMYK	0.10, 0.06, 0.00, 0.07
HSL	217°, 39%, 88%
HSV	217°, 10%, 93%
XYZ	68.4324, 72.0653, 89.9743
YIQ	220.0190, -10.1790, 2.7570

Conversions

Conversions Part 2

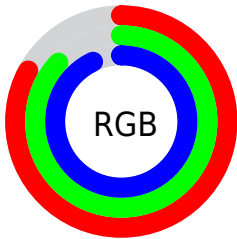
Format	Color
R _Y B	212, 219, 236
Decimal	13950444
CIE Lab	88.00, -0.14, -8.37
CIE LCh	88, 8.370, 269.051
Yxy	72.0653, 0.2969, 0.3127
Android (android.graphics.Color)	4292140524 (0xFFD4DDEC)
YUV	220.0190, 7.8786, -7.0327
Hunter-Lab	84.8913, -4.6677, -3.4162

Details

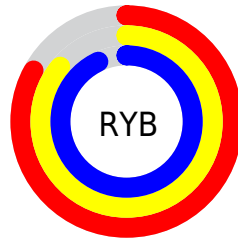
The CIELCh color `88, 8.370, 269.051` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `91, 8.417, 86.315`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 8.302, 267.965` is the 20% darker color. If you saturate the color by 10%, you get `83, 16.688, 270.595`, and if you desaturate by 10%, it is `93, 0.136, 269.912`.

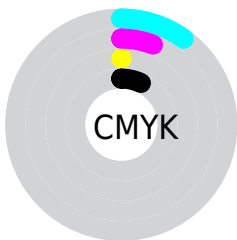
Distribution



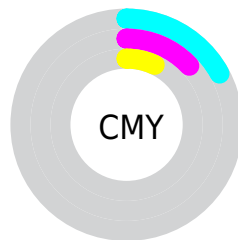
- Red (83%)
- Green (87%)
- Blue (93%)



- Red (83%)
- Yellow (86%)
- Blue (93%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 8.370, 269.051 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 88, 8.370, 269.051 by changing the saturation by 10% instead.

■ 88, 8.370, 269.051

■ 88, 8.370, 269.051

■ 100, 8.370,
269.051

■ 78, 8.370, 269.051

■ 68, 8.370, 269.051

■ 58, 8.370, 269.051

■ 48, 8.370, 269.051

■ 38, 8.370, 269.051

■ 28, 8.370, 269.051

■ 18, 8.370, 269.051

■ 8, 8.370, 269.051

■ 0, 8.370, 269.051

88, 8.370, 269.051

88, 8.370, 269.051

83, 16.688,
270.595

93, 0.136, 269.912

77, 25.090,
272.435

99, 7.511, 98.466

72, 33.578,
274.599

100, 9.409,
109.465

66, 42.169,
277.132

61, 50.894,
280.068

56, 59.803,
283.405

51, 68.943,
287.084

47, 78.313,
290.966

■ 43, 87.655,
294.712

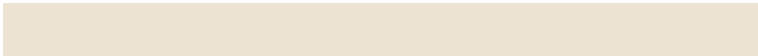
Harmonies

Complementary

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



88, 8.370, 269.051



91, 8.417, 86.315

Rectangle

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



88, 8.370, 269.051



88, 8.370, 319.051



88, 8.370, 89.051



88, 8.370, 139.051

Sweetspot

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



88, 8.369, 269.039



98, 2.626, 268.144



92, 9.755, 169.580



52, 1.990, 268.223



0, 0.000, 0.000



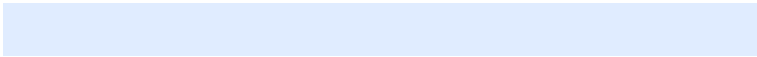
53, 0.007, 296.813

Same Dimension

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



88, 8.369, 269.039



93, 10.524, 269.313



86, 12.670, 295.617



46, 4.651, 268.942



33, 70.480, 294.033



7, 25.362, 286.690

Inverse Universe

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



87, 9.922, 351.867



92, 12.506, 352.065



93, 12.379, 113.956



46, 5.510, 351.795



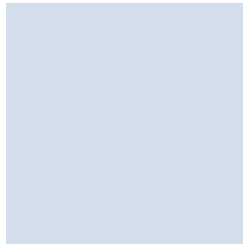
38, 65.919, 13.989



7, 27.883, 4.611

Previews

White Background



This preview shows how the CIELCh color 88, 8.370, 269.051 looks on a white background.

Color Contrast Check

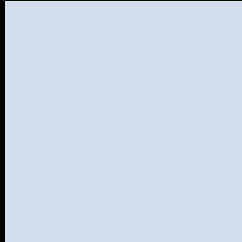
Large Text (above 18pt) WCAG AA × Fail

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 88, 8.370, 269.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

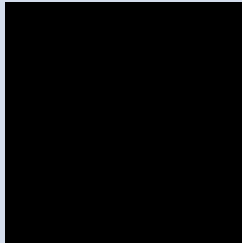
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

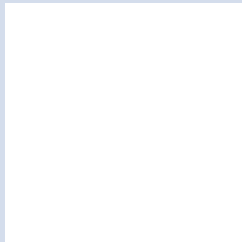
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 8.370, 269.051

Background



This preview shows how black text looks on a background with the CIELCh color 88, 8.370, 269.051.

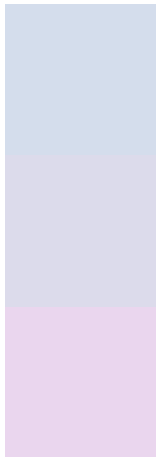


This preview shows how white text looks on a background with the CIELCh color 88, 8.370, 269.051.

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

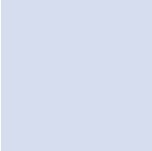
88, 8.370, 269.051

Protanopia

88, 8.379, 293.260

Deuteranopia

88, 14.455, 320.242



Tritanopia
88, 9.740, 274.573

Trichromacy



Original Color
88, 8.370, 269.051

Protanomaly
88, 8.407, 283.764

Deuteranomaly
88, 10.968, 307.692

Tritanomaly
88, 9.242, 273.587

Monochromacy



Original Color
88, 8.370, 269.051

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 2.955, 261.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 8.370, 269.051 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(212, 221, 236)` looks like.

```
.text, #text, p{  
    color:rgb(212, 221, 236)  
}
```

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(212, 221, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 221, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 8.370, 269.051 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(212, 221, 236) }
```

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

```
.border{ border-color:rgb(212, 221, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 221, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 221, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 221, 236);  
box-shadow:4px 4px 4px 4px rgb(212, 221,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 8.370, 269.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 221, 236) }
```

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

```
.background{ background-color: rgb(212,  
221, 236) }
```

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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