

Converting Colors

CIELCh(88, 8.471, 258.785)

Have a look what the booklet for
CIELCh(88, 8.471, 258.785) contains.

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Color

CIELCh(88, 8.486, 258.986)

Conversions

Conversions Part 1

Format	Color
Hex	D1DEEC
RGB	209, 222, 236
RGB Percent	82%, 87%, 93%
CMY	0.1793, 0.1283, 0.0734
CMYK	0.11, 0.06, 0.00, 0.07
HSL	211°, 42%, 87%
HSV	211°, 11%, 93%
XYZ	67.7554, 72.0653, 89.9180
YIQ	219.7090, -12.2420, 1.5980

Conversions

Conversions Part 2

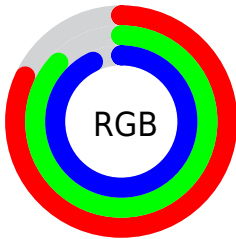
Format	Color
R _Y B	209, 218, 236
Decimal	13754092
CIE Lab	88.00, -1.62, -8.33
CIE LCh	88, 8.486, 258.986
Yxy	72.0653, 0.2949, 0.3137
Android (android.graphics.Color)	4291944172 (0xFFD1DEEC)
YUV	219.7090, 8.0315, -9.3918
Hunter-Lab	84.8913, -6.0911, -3.3769

Details

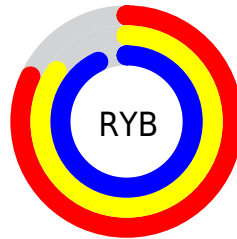
The CIELCh color `88, 8.486, 258.986` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `90, 8.696, 75.918`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 8.450, 257.395` is the 20% darker color. If you saturate the color by 10%, you get `83, 15.846, 260.565`, and if you desaturate by 10%, it is `93, 1.071, 257.936`.

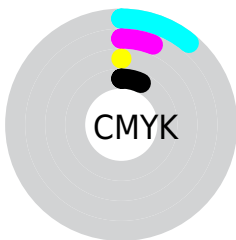
Distribution



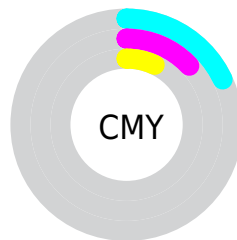
- Red (82%)
- Green (87%)
- Blue (93%)



- Red (82%)
- Yellow (85%)
- Blue (93%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (13%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 8.486, 258.986 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, 8.486, 258.986 by changing the saturation by 10% instead.

 88, 8.486, 258.986

 88, 8.486, 258.986

 100, 8.486,
258.986

 78, 8.486, 258.986

 68, 8.486, 258.986

 58, 8.486, 258.986

 48, 8.486, 258.986

 38, 8.486, 258.986

 28, 8.486, 258.986

 18, 8.486, 258.986

 8, 8.486, 258.986

 0, 8.486, 258.986

■ 88, 8.486, 258.986

■ 88, 8.486, 258.986

■ 83, 15.846,
260.565

■ 93, 1.071, 257.936

■ 78, 23.130,
262.472

■ 98, 6.082, 80.752

■ 74, 30.317,
264.743

■ 100, 9.470,
109.460

■ 69, 37.401,
267.436

■ 65, 44.397,
270.599

■ 61, 51.358,
274.250

■ 56, 58.367,
278.346

■ 53, 65.526,
282.761

■ 50, 71.854,
286.565

Harmonies

Complementary

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



88, 8.486, 258.986



90, 8.696, 75.918

Rectangle

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



88, 8.486, 258.986



88, 8.486, 308.986



88, 8.486, 78.986



88, 8.486, 128.986

Sweetspot

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



88, 8.485, 258.974



98, 2.380, 257.941



91, 11.767, 163.614



52, 1.803, 258.008



0, 0.000, 0.000



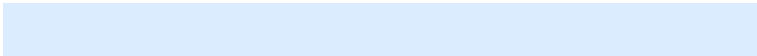
53, 0.007, 296.813

Same Dimension

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



88, 8.485, 258.974



93, 11.045, 259.363



85, 14.237, 292.008



47, 4.196, 258.697



38, 57.844, 285.757



9, 21.254, 277.760

Inverse Universe

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



86, 11.944, 345.603



91, 15.611, 345.855



93, 13.865, 109.755



46, 5.888, 345.417



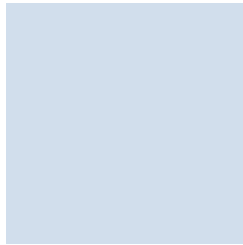
39, 65.382, 3.686



8, 28.444, 356.626

Previews

White Background



This preview shows how the CIELCh color 88, 8.486, 258.986 looks on a white background.

Color Contrast Check

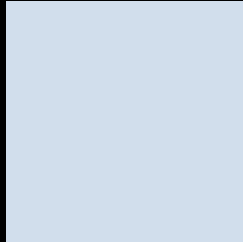
Large Text (above 18pt) WCAG AA × Fail

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, 8.486, 258.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

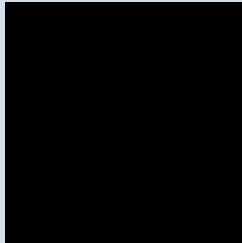
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

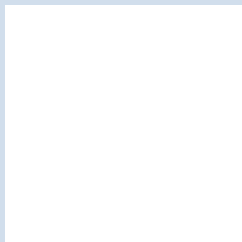
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 8.486, 258.986

Background



This preview shows how black text looks on a background with the CIELCh color 88, 8.486, 258.986.

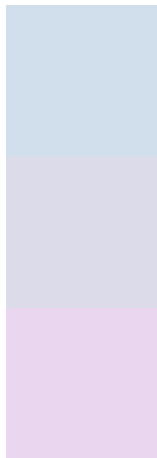


This preview shows how white text looks on a background with the CIELCh color 88, 8.486, 258.986.

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

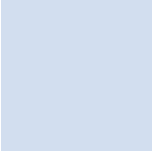
88, 8.486, 258.986

Protanopia

88, 7.857, 293.381

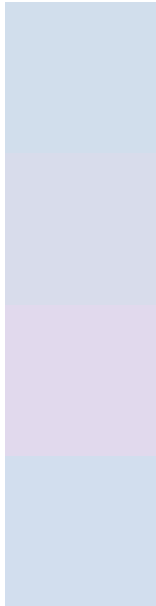
Deuteranopia

88, 14.455, 320.242



Tritanopia
88, 9.696, 265.847

Trichromacy



Original Color
88, 8.486, 258.986

Protanomaly
88, 7.937, 280.756

Deuteranomaly
88, 10.870, 305.919

Tritanomaly
88, 9.231, 264.390

Monochromacy



Original Color
88, 8.486, 258.986

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 3.133, 256.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 8.486, 258.986 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, 222, 236)` looks like.

```
.text, #text, p{  
    color:rgb(209, 222, 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(209, 222, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 222, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 8.486, 258.986 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, 222, 236) }
```

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

```
.border{ border-color:rgb(209, 222, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 222, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 222, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 222, 236);  
box-shadow:4px 4px 4px 4px rgb(209, 222,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 8.486, 258.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 222, 236) }
```

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

```
.background{ background-color: rgb(209,  
222, 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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