

Converting Colors

CIELCh(85, 21.762, 316.123)

Have a look what the booklet for
CIELCh(85, 21.762, 316.123)
contains.

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Color

CIELCh(85, 22.062, 315.893)

Conversions

Conversions Part 1

Format	Color
Hex	E5CBF1
RGB	229, 203, 241
RGB Percent	90%, 80%, 95%
CMY	0.1003, 0.2023, 0.0532
CMYK	0.05, 0.16, 0.00, 0.05
HSL	281°, 58%, 87%
HSV	281°, 16%, 95%
XYZ	69.8387, 66.0070, 92.6084
YIQ	215.1060, 3.2980, 17.3300

Conversions

Conversions Part 2

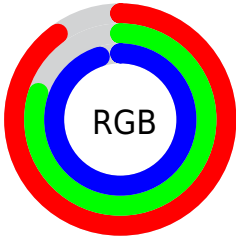
Format	Color
R _Y B	229, 203, 241
Decimal	15059953
CIE Lab	85.00, 15.84, -15.36
CIE LCh	85, 22.062, 315.893
Yxy	66.0070, 0.3057, 0.2889
Android (android.graphics.Color)	4293250033 (0xFFE5CBF1)
YUV	215.1060, 12.7657, 12.1850
Hunter-Lab	81.2447, 11.2620, -10.7116

Details

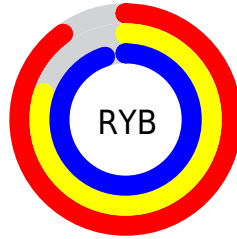
The CIELCh color **85, 22.062, 315.893** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93, 21.777, 134.541**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 21.945, 315.480** is the 20% darker color. If you saturate the color by 10%, you get **79, 36.386, 316.338**, and if you desaturate by 10%, it is **92, 7.964, 315.446**.

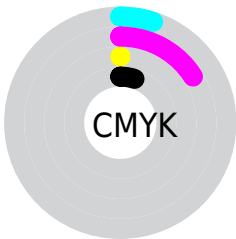
Distribution



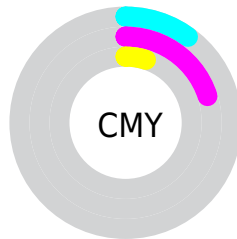
- Red (90%)
- Green (80%)
- Blue (95%)



- Red (90%)
- Yellow (80%)
- Blue (95%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)





- Cyan (10%)
- Magenta (20%)
- Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 22.062, 315.893 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 85, 22.062, 315.893 by changing the saturation by 10% instead.


 85, 22.062,
315.893

 85, 22.062,
315.893


 100, 22.062,
315.893

 75, 22.062,
315.893

 65, 22.062,
315.893

 55, 22.062,
315.893

 45, 22.062,
315.893

 35, 22.062,
315.893

 25, 22.062,
315.893

 15, 22.062,

315.893

■ 5, 22.062, 315.893

■ 0, 22.062, 315.893

■ 85, 22.062,
315.893

■ 85, 22.062,
315.893

■ 79, 36.386,
316.338

■ 92, 7.964, 315.446

■ 98, 5.807, 135.098

■ 72, 50.782,
316.776

■ 99, 6.952, 117.620

■ 66, 64.983,
317.182

■ 100, 6.873,
109.653

■ 61, 78.581,
317.519

■ 56, 91.000,

317.736

■ 51, 101.511,
317.767

■ 48, 109.355,
317.542

■ 46, 114.028,
317.001

■ 45, 115.345,
316.707

Harmonies

Complementary

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



85, 22.062, 315.893



93, 21.777, 134.541

Rectangle

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



85, 22.062, 315.893



85, 22.062, 5.893



85, 22.062, 135.893



85, 22.062, 185.893

Sweetspot

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



85, 22.060, 315.892



97, 7.242, 315.412



86, 14.127, 274.611



51, 4.944, 315.445



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 22.060, 315.892



87, 27.918, 316.040



86, 21.203, 330.918



47, 7.863, 315.614



34, 93.838, 316.875



6, 40.096, 317.990

Inverse Universe

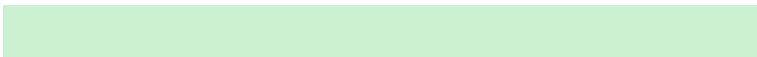
The Inverse Universe completely reimagines the original color for something new.



85, 15.311, 356.411



87, 19.431, 356.794



92, 21.135, 148.898



47, 5.428, 355.722



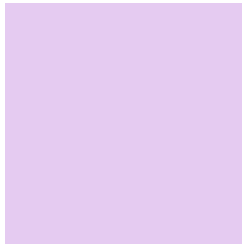
39, 68.011, 19.646



8, 28.765, 9.324

Previews

White Background



This preview shows how the CIELCh color 85, 22.062, 315.893 looks on a white background.

Color Contrast Check

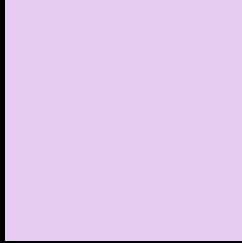
Large Text (above 18pt) WCAG AA × Fail

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 85, 22.062, 315.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

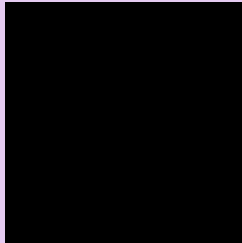
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 22.062, 315.893

Background



This preview shows how black text looks on a background with the CIELCh color 85, 22.062, 315.893.



This preview shows how white text looks on a background with the CIELCh color 85, 22.062, 315.893.

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
85, 11.110, 331.047

Trichromacy



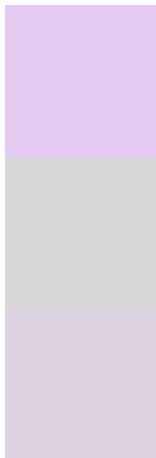
Original Color
85, 22.062, 315.893

Protanomaly
85, 19.163, 298.895

Deuteranomaly
85, 19.435, 309.242

Tritanomaly
85, 14.911, 322.681

Monochromacy



Original Color
85, 22.062, 315.893

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 8.217, 316.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 22.062, 315.893 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(229, 203, 241)` looks like.

```
.text, #text, p{  
    color:rgb(229, 203, 241)  
}
```

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(229, 203, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 203, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 22.062, 315.893 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(229, 203, 241) }
```

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

```
.border{ border-color:rgb(229, 203, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 203, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 203, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 203, 241);  
box-shadow:4px 4px 4px 4px rgb(229, 203,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 22.062, 315.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 203, 241) }
```

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

```
.background{ background-color: rgb(229,  
203, 241) }
```

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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