

Converting Colors

CIELCh(85, 10.006, 345.898)

Have a look what the booklet for
CIELCh(85, 10.006, 345.898)
contains.

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Color

CIELCh(85, 10.192, 345.657)

Conversions

Conversions Part 1

Format	Color
Hex	E5CED9
RGB	229, 206, 217
RGB Percent	90%, 81%, 85%
CMY	0.1008, 0.1910, 0.1479
CMYK	0.00, 0.10, 0.05, 0.10
HSL	331°, 31%, 85%
HSV	331°, 10%, 90%
XYZ	67.1042, 66.0070, 75.0421
YIQ	214.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

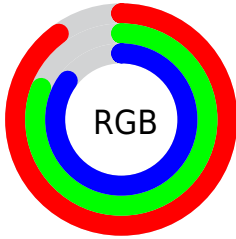
Format	Color
R _Y B	229, 206, 217
Decimal	15060697
CIE Lab	85.00, 9.87, -2.52
CIE LCh	85, 10.192, 345.657
Yxy	66.0070, 0.3224, 0.3171
Android (android.graphics.Color)	4293250777 (0xFFE5CED9)
YUV	214.1310, 1.4144, 13.0401
Hunter-Lab	81.2447, 5.2542, 2.1078

Details

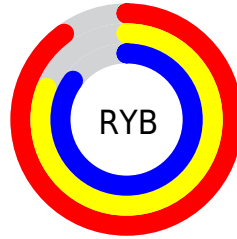
The CIELCh color $85, 10.192, 345.657$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89, 10.041, 164.031$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 9.816, 345.952$ is the 20% darker color. If you saturate the color by 10%, you get $79, 20.577, 346.640$, and if you desaturate by 10%, it is $91, 0.040, 333.250$.

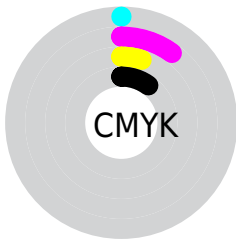
Distribution



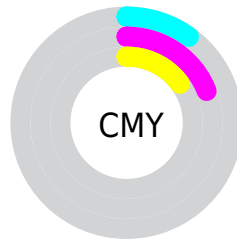
- Red (90%)
- Green (81%)
- Blue (85%)



- Red (90%)
- Yellow (81%)
- Blue (85%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (10%)





- Cyan (10%)
- Magenta (19%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 10.192, 345.657 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, 10.192, 345.657 by changing the saturation by 10% instead.


 85, 10.192,
345.657


 85, 10.192,
345.657


 100, 10.192,
345.657


 75, 10.192,
345.657

 65, 10.192,
345.657

 55, 10.192,
345.657

 45, 10.192,
345.657

 35, 10.192,
345.657

 25, 10.192,
345.657

 15, 10.192,

345.657

■ 5, 10.192, 345.657

■ 0, 10.192, 345.657

■ 85, 10.192,
345.657

■ 85, 10.192,
345.657

■ 79, 20.577,
346.640

■ 91, 0.040, 333.250

■ 73, 31.061,
347.726

■ 97, 9.799, 164.118

■ 68, 41.412,
348.970

■ 98, 8.853, 192.881

■ 63, 51.287,
350.430

■ 98, 8.758, 198.927

■ 59, 60.224,

352.186

■ 55, 67.687,
354.355

■ 52, 73.181,
357.089

■ 50, 76.458, 0.558

■ 49, 77.950, 4.786

Harmonies

Complementary

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



85, 10.192, 345.657



89, 10.041, 164.031

Rectangle

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



85, 10.192, 345.657



85, 10.192, 35.657



85, 10.192, 165.657



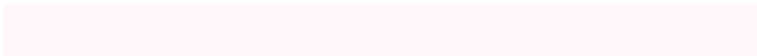
85, 10.192, 215.657

Sweetspot

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



85, 10.190, 345.662



98, 3.294, 344.945



84, 12.890, 310.083



52, 2.499, 345.045



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, 10.190, 345.662



92, 13.320, 345.856



85, 8.381, 21.336



45, 5.769, 345.607



38, 64.679, 3.964



7, 27.410, 356.605

Inverse Universe

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



85, 10.190, 345.662



92, 13.320, 345.856



89, 7.860, 200.404



45, 5.769, 345.607



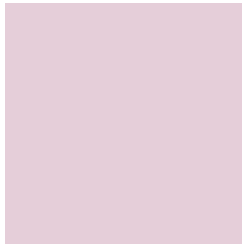
38, 64.679, 3.964



7, 27.410, 356.605

Previews

White Background



This preview shows how the CIELCh color 85, 10.192, 345.657 looks on a white background.

Color Contrast Check

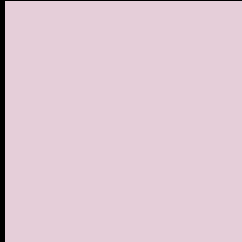
Large Text (above 18pt) WCAG AA × Fail

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, 10.192, 345.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

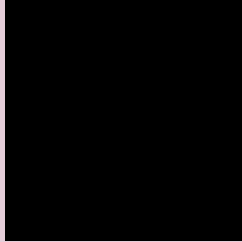
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 10.192, 345.657

Background



This preview shows how black text looks on a background with the CIELCh color 85, 10.192, 345.657.



This preview shows how white text looks on a background with the CIELCh color 85, 10.192, 345.657.

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

85, 10.192, 345.657

Protanopia

85, 4.876, 303.257

Deuteranopia

85, 10.803, 347.938



Tritanopia
85, 12.108, 336.375

Trichromacy



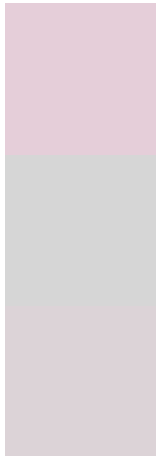
Original Color
85, 10.192, 345.657

Protanomaly
85, 6.621, 327.239

Deuteranomaly
85, 10.495, 346.829

Tritanomaly
85, 11.417, 340.193

Monochromacy



Original Color
85, 10.192, 345.657

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 3.900, 346.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 10.192, 345.657 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, 206, 217)` looks like.

```
.text, #text, p{  
    color:rgb(229, 206, 217)  
}
```

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, 206, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 206, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 10.192, 345.657 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, 206, 217) }
```

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

```
.border{ border-color:rgb(229, 206, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 206, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 206, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 206, 217);  
box-shadow:4px 4px 4px 4px rgb(229, 206,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 10.192, 345.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 206, 217) }
```

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

```
.background{ background-color: rgb(229,  
206, 217) }
```

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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