

Converting Colors

CIELCh(85, 26.219, 303.789)

Have a look what the booklet for
CIELCh(85, 26.219, 303.789)
contains.

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Color

CIELCh(85, 25.892, 303.457)

Conversions

Conversions Part 1

Format	Color
Hex	DCCDFD
RGB	220, 205, 253
RGB Percent	86%, 80%, 99%
CMY	0.1370, 0.1959, 0.0076
CMYK	0.13, 0.19, 0.00, 0.01
HSL	259°, 93%, 90%
HSV	259°, 19%, 99%
XYZ	69.1136, 66.0070, 102.0719
YIQ	214.9570, -6.4680, 18.1080

Conversions

Conversions Part 2

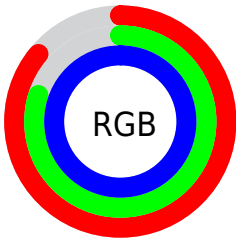
Format	Color
R _Y B	220, 205, 253
Decimal	14470653
CIE Lab	85.00, 14.27, -21.60
CIE LCh	85, 25.892, 303.457
Yxy	66.0070, 0.2914, 0.2783
Android (android.graphics.Color)	4292660733 (0xFFDCCDFD)
YUV	214.9570, 18.7552, 4.4227
Hunter-Lab	81.2447, 9.6689, -17.6178

Details

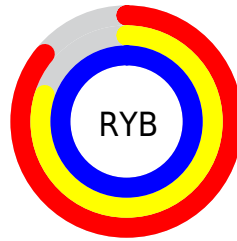
The CIELCh color `85, 25.892, 303.457` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 24.966, 121.189`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 25.626, 303.671` is the 20% darker color. If you saturate the color by 10%, you get `77, 40.228, 304.204`, and if you desaturate by 10%, it is `93, 12.029, 302.790`.

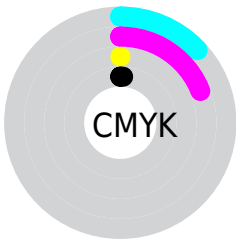
Distribution



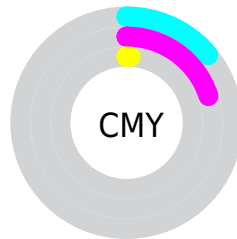
- Red (86%)
- Green (80%)
- Blue (99%)



- Red (86%)
- Yellow (80%)
- Blue (99%)



- Cyan (13%)
- Magenta (19%)
- Yellow (0%)
- Black (1%)





- Cyan (14%)
- Magenta (20%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 25.892, 303.457 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, 25.892, 303.457 by changing the saturation by 10% instead.


 85, 25.892,
303.457


 85, 25.892,
303.457


 100, 25.892,
303.457


 75, 25.892,
303.457

 65, 25.892,
303.457

 55, 25.892,
303.457

 45, 25.892,
303.457

 35, 25.892,
303.457

 25, 25.892,
303.457

 15, 25.892,

303.457

■ 5, 25.892, 303.457

■ 0, 25.892, 303.457

■ 85, 25.892,
303.457

■ 85, 25.892,
303.457

■ 77, 40.228,
304.204

■ 93, 12.029,
302.790

■ 70, 54.995,
305.031

100, 0.977,
113.066

■ 63, 70.056,
305.917

100, 0.975,
110.026

■ 56, 85.119,
306.821

■ 49, 99.613,

307.660

■ 43, 112.559,
308.302

■ 39, 122.577,
308.569

■ 36, 128.609,
308.342

■ 36, 129.125,
308.315

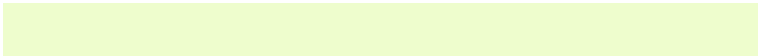
Harmonies

Complementary

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



85, 25.892, 303.457



97, 24.966, 121.189

Rectangle

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



85, 25.892, 303.457



85, 25.892, 353.457



85, 25.892, 123.457



85, 25.892, 173.457

Sweetspot

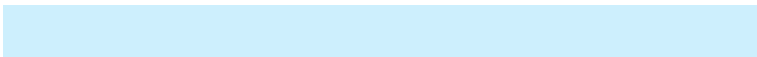
The Sweet Spot groups the original color and five complimentary colors.



85, 25.890, 303.456



95, 8.059, 302.607



92, 13.222, 233.233



50, 5.351, 302.647



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, 25.890, 303.456



83, 31.813, 303.748



87, 28.503, 319.654



49, 7.681, 302.824



26, 104.397, 308.470



5, 44.776, 308.003

Inverse Universe

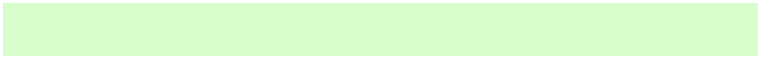
The Inverse Universe completely reimagines the original color for something new.



87, 24.268, 336.142



86, 29.652, 336.457



96, 28.243, 137.874



50, 7.275, 335.425



42, 73.736, 345.872



11, 34.755, 343.122

Previews

White Background



This preview shows how the CIELCh color 85, 25.892, 303.457 looks on a white background.

Color Contrast Check

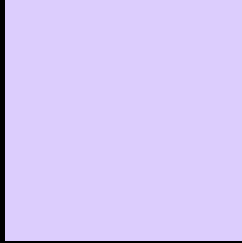
Large Text (above 18pt) WCAG AA × Fail

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, 25.892, 303.457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

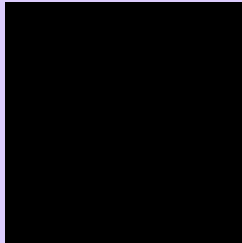
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 25.892, 303.457

Background



This preview shows how black text looks on a background with the CIELCh color 85, 25.892, 303.457.



This preview shows how white text looks on a background with the CIELCh color 85, 25.892, 303.457.

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, 25.892, 303.457

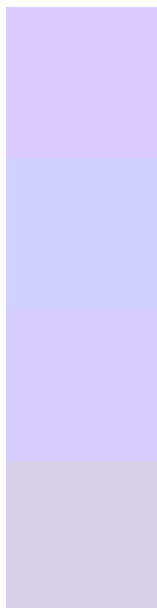
Protanopia
85, 23.745, 286.635

Deuteranopia
85, 24.373, 296.897



Tritanopia
85, 8.719, 304.946

Trichromacy



Original Color
85, 25.892, 303.457

Protanomaly
85, 24.252, 292.990

Deuteranomaly
85, 25.071, 299.883

Tritanomaly
85, 15.131, 303.295

Monochromacy



Original Color
85, 25.892, 303.457

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 9.733, 303.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 25.892, 303.457 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(220, 205, 253)` looks like.

```
.text, #text, p{  
    color:rgb(220, 205, 253)  
}
```

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(220, 205, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 205, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 25.892, 303.457 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(220, 205, 253) }
```

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

```
.border{ border-color:rgb(220, 205, 253) }
```

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

Here you see how a box with a 4 pixel rgb(220, 205, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 205, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 205, 253);  
box-shadow:4px 4px 4px 4px rgb(220, 205,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 25.892, 303.457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 205, 253) }
```

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

```
.background{ background-color: rgb(220,  
205, 253) }
```

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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