

Converting Colors

CIELCh(85, 11.532, 319.730)

Have a look what the booklet for
CIELCh(85, 11.532, 319.730)
contains.

CIELCh(85, 11.569, 320.419)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(85, 11.569, 320.419)

Conversions

Conversions Part 1

Format	Color
Hex	DFCFE2
RGB	223, 207, 226
RGB Percent	87%, 81%, 89%
CMY	0.1243, 0.1871, 0.1126
CMYK	0.01, 0.08, 0.00, 0.11
HSL	291°, 25%, 85%
HSV	291°, 8%, 89%
XYZ	66.6721, 66.0070, 81.3892
YIQ	213.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

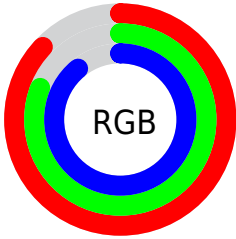
Format	Color
R_{YB}	223, 207, 226
Decimal	14667746
CIE _{Lab}	85.00, 8.92, -7.37
CIE _{LCh}	85, 11.569, 320.419
Yxy	66.0070, 0.3115, 0.3083
Android (android.graphics.Color)	4292857826 (0xFFDFCFE2)
YUV	213.9500, 5.9407, 7.9369
Hunter-Lab	81.2447, 4.3047, -2.5242

Details

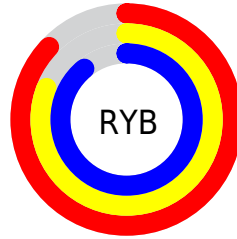
The CIELCh color **85, 11.569, 320.419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88, 11.515, 139.672**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 11.534, 320.252** is the 20% darker color. If you saturate the color by 10%, you get **79, 25.523, 320.893**, and if you desaturate by 10%, it is **91, 2.174, 140.094**.

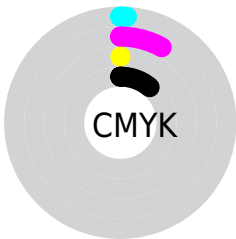
Distribution



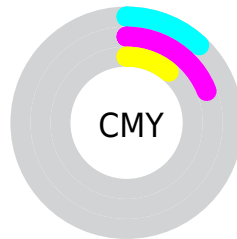
- Red (87%)
- Green (81%)
- Blue (89%)



- Red (87%)
- Yellow (81%)
- Blue (89%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)





- Cyan (12%)
- Magenta (19%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 11.569, 320.419 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, 11.569, 320.419 by changing the saturation by 10% instead.


 85, 11.569,
320.419


 85, 11.569,
320.419


 100, 11.569,
320.419


 75, 11.569,
320.419


 65, 11.569,
320.419

 55, 11.569,
320.419

 45, 11.569,
320.419

 35, 11.569,
320.419

 25, 11.569,
320.419

 15, 11.569,

320.419

■ 5, 11.569, 320.419

■ 0, 11.569, 320.419

■ 85, 11.569,
320.419

■ 85, 11.569,
320.419

■ 79, 25.523,
320.893

■ 91, 2.174, 140.094

■ 74, 39.537,
321.355

■ 97, 15.607,
139.561

■ 68, 53.366,
321.791

■ 98, 16.474,
136.219

■ 63, 66.653,
322.177

■ 98, 15.910,
132.230

■ 59, 78.916,

■ 98, 15.429,
127.936

322.484

99, 15.041,
123.359

55, 89.563,
322.674

99, 14.756,
118.540

52, 97.975,
322.708

99, 14.581,
113.537

49, 103.670,
322.551

99, 14.524,
109.080

48, 106.645,
322.196

Harmonies

Complementary

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



85, 11.569, 320.419



88, 11.515, 139.672

Rectangle

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



85, 11.569, 320.419



85, 11.569, 10.419



85, 11.569, 140.419



85, 11.569, 190.419

Sweetspot

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



85, 11.567, 320.418



98, 4.536, 320.134



85, 8.397, 283.325



52, 3.440, 320.183



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, 11.567, 320.418



93, 15.197, 320.499



85, 9.599, 336.218



44, 7.775, 320.469



37, 88.641, 322.228



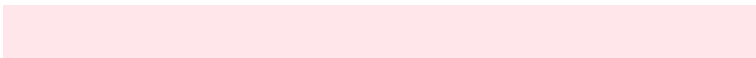
6, 35.592, 322.861

Inverse Universe

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



85, 7.158, 7.190



93, 9.438, 7.367



88, 9.545, 155.100



44, 4.822, 7.301



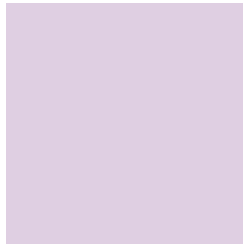
37, 72.201, 32.234



6, 25.293, 14.263

Previews

White Background



This preview shows how the CIELCh color 85, 11.569, 320.419 looks on a white background.

Color Contrast Check

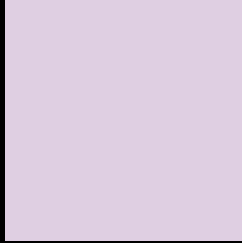
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 85, 11.569, 320.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

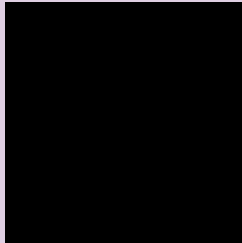
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

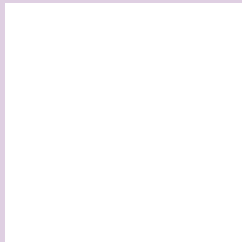
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 11.569, 320.419

Background



This preview shows how black text looks on a background with the CIELCh color 85, 11.569, 320.419.



This preview shows how white text looks on a background with the CIELCh color 85, 11.569, 320.419.

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, 11.569, 320.419

Protanopia
85, 9.477, 290.987

Deuteranopia
85, 13.212, 323.623



Tritanopia
85, 10.031, 323.093

Trichromacy



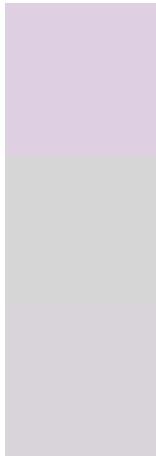
Original Color
85, 11.569, 320.419

Protanomaly
85, 9.668, 301.444

Deuteranomaly
85, 13.022, 322.281

Tritanomaly
85, 10.476, 321.551

Monochromacy



Original Color
85, 11.569, 320.419

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 3.655, 319.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 11.569, 320.419 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(223, 207, 226)` looks like.

```
.text, #text, p{  
    color:rgb(223, 207, 226)  
}
```

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(223, 207, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 207, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 11.569, 320.419 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(223, 207, 226) }
```

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

```
.border{ border-color:rgb(223, 207, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 207, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 207, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 207, 226);  
box-shadow:4px 4px 4px 4px rgb(223, 207,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 11.569, 320.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 207, 226) }
```

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

```
.background{ background-color: rgb(223,  
207, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor