

Converting Colors

CIELCh(85, 21.114, 325.956)

Have a look what the booklet for
CIELCh(85, 21.114, 325.956)
contains.

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Color

CIELCh(85, 21.178, 326.025)

Conversions

Conversions Part 1

Format	Color
Hex	ECCAEB
RGB	236, 202, 235
RGB Percent	93%, 79%, 92%
CMY	0.0749, 0.2082, 0.0788
CMYK	0.00, 0.14, 0.00, 0.07
HSL	302°, 47%, 86%
HSV	302°, 14%, 93%
XYZ	70.6409, 66.0070, 87.5425
YIQ	215.9280, 9.6710, 17.4710

Conversions

Conversions Part 2

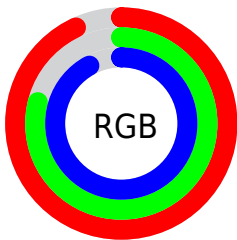
Format	Color
R _Y B	236, 202, 235
Decimal	15518443
CIE Lab	85.00, 17.56, -11.83
CIE LCh	85, 21.178, 326.025
Yxy	66.0070, 0.3151, 0.2944
Android (android.graphics.Color)	4293708523 (0xFFECCAEB)
YUV	215.9280, 9.4025, 17.6031
Hunter-Lab	81.2447, 13.0246, -7.0146

Details

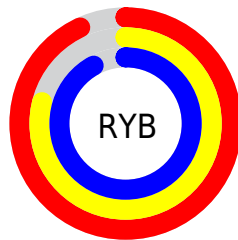
The CIELCh color **85, 21.178, 326.025** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90, 21.151, 144.350**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 20.965, 326.250** is the 20% darker color. If you saturate the color by 10%, you get **79, 35.930, 326.589**, and if you desaturate by 10%, it is **91, 6.445, 325.434**.

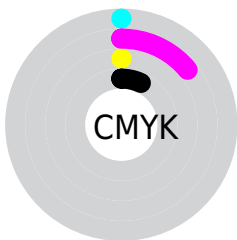
Distribution



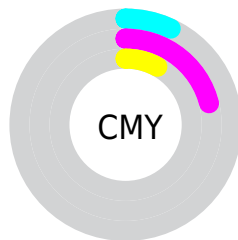
- Red (93%)
- Green (79%)
- Blue (92%)



- Red (93%)
- Yellow (79%)
- Blue (92%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)





- Cyan (7%)
- Magenta (21%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 21.178, 326.025 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, 21.178, 326.025 by changing the saturation by 10% instead.


 85, 21.178,
326.025


 85, 21.178,
326.025


 100, 21.178,
326.025


 75, 21.178,
326.025

 65, 21.178,
326.025

 55, 21.178,
326.025

 45, 21.178,
326.025

 35, 21.178,
326.025

 25, 21.178,
326.025

 15, 21.178,

326.025

■ 5, 21.178, 326.025

■ 0, 21.178, 326.025

■ 85, 21.178,
326.025

■ 85, 21.178,
326.025

■ 79, 35.930,
326.589

■ 91, 6.445, 325.434

■ 74, 50.427,
327.135

■ 97, 8.071, 144.967

■ 69, 64.271,
327.653

■ 98, 11.439,
145.580

■ 65, 76.957,
328.127

■ 98, 11.153,
146.638

■ 62, 87.904,

■ 98, 10.871,
147.751

328.543

98, 10.593,
148.921

59, 96.542,
328.889

98, 10.319,
150.152

57, 102.462,
329.162

98, 10.049,
151.449

56, 105.582,
329.364

98, 9.786, 152.814

56, 106.437,
329.456

Harmonies

Complementary

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



85, 21.178, 326.025



90, 21.151, 144.350

Rectangle

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



85, 21.178, 326.025



85, 21.178, 16.025



85, 21.178, 146.025



85, 21.178, 196.025

Sweetspot

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



85, 21.175, 326.025



97, 6.226, 325.407



82, 18.033, 292.350



52, 4.427, 325.458



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, 21.175, 326.025



90, 26.634, 326.176



85, 15.108, 345.790



46, 8.290, 325.741



43, 87.331, 329.435



9, 37.523, 329.254

Inverse Universe

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



85, 21.175, 326.025



90, 26.634, 326.176



91, 14.811, 163.332



46, 8.290, 325.741



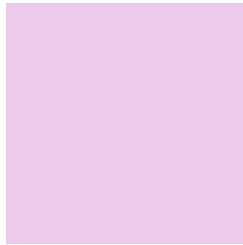
43, 87.331, 329.435



9, 37.523, 329.254

Previews

White Background



This preview shows how the CIELCh color 85, 21.178, 326.025 looks on a white background.

Color Contrast Check

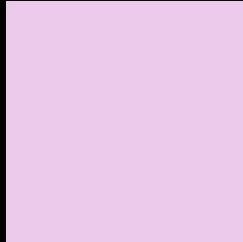
Large Text (above 18pt) WCAG AA × Fail

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, 21.178, 326.025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

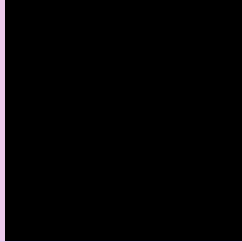
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 21.178, 326.025

Background



This preview shows how black text looks on a background with the CIELCh color 85, 21.178, 326.025.

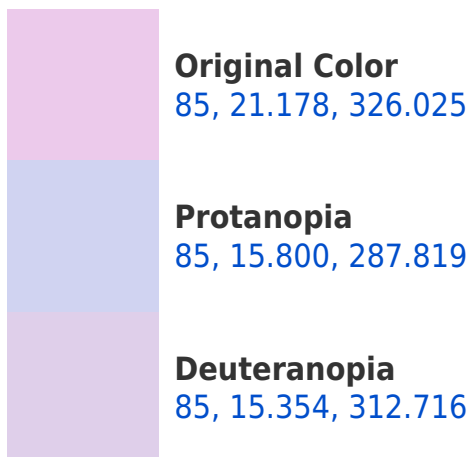



This preview shows how white text looks on a background with the CIELCh color 85, 21.178, 326.025.

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, 13.778, 342.926

Trichromacy



Original Color
85, 21.178, 326.025

Protanomaly
85, 16.747, 303.408

Deuteranomaly
85, 17.359, 319.140

Tritanomaly
85, 16.357, 335.730

Monochromacy



Original Color
85, 21.178, 326.025

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.670, 324.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 21.178, 326.025 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(236, 202, 235)` looks like.

```
.text, #text, p{  
    color:rgb(236, 202, 235)  
}
```

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(236, 202, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 202, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 21.178, 326.025 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(236, 202, 235) }
```

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

```
.border{ border-color:rgb(236, 202, 235) }
```

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

Here you see how a box with a 4 pixel rgb(236, 202, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 202, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 202, 235);  
box-shadow:4px 4px 4px 4px rgb(236, 202,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 21.178, 326.025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 202, 235) }
```

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

```
.background{ background-color: rgb(236,  
202, 235) }
```

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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