

Converting Colors

CIELCh(79, 25.685, 305.239)

Have a look what the booklet for
CIELCh(79, 25.685, 305.239)
contains.

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Color

CIELCh(79, 25.915, 305.248)

Conversions

Conversions Part 1

Format	Color
Hex	CDBCEB
RGB	205, 188, 235
RGB Percent	80%, 74%, 92%
CMY	0.1962, 0.2628, 0.0785
CMYK	0.13, 0.20, 0.00, 0.08
HSL	262°, 54%, 83%
HSV	262°, 20%, 92%
XYZ	58.1398, 54.9284, 86.1156
YIQ	198.4410, -4.9550, 18.2210

Conversions

Conversions Part 2

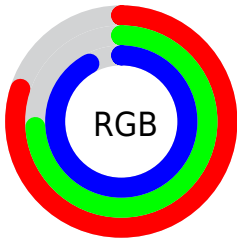
Format	Color
R _{YB}	205, 188, 235
Decimal	13483243
CIE _{Lab}	79.00, 14.96, -21.16
CIE _{LCh}	79, 25.915, 305.248
Yxy	54.9284, 0.2919, 0.2758
Android (android.graphics.Color)	4291673323 (0xFFCDBCEB)
YUV	198.4410, 18.0236, 5.7522
Hunter-Lab	74.1137, 10.3285, -17.0118

Details

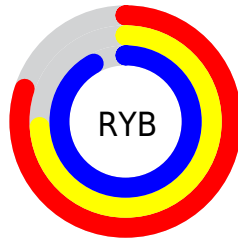
The CIELCh color **79, 25.915, 305.248** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91, 25.005, 123.041**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 6.851, 324.635**, and **59, 25.637, 304.807** is the 20% darker color. If you saturate the color by 10%, you get **72, 39.498, 305.927**, and if you desaturate by 10%, it is **86, 12.744, 304.633**.

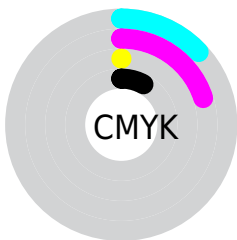
Distribution



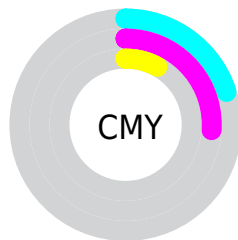
- Red (80%)
- Green (74%)
- Blue (92%)



- Red (80%)
- Yellow (74%)
- Blue (92%)



- Cyan (13%)
- Magenta (20%)
- Yellow (0%)
- Black (8%)




- Cyan (20%)
- Magenta (26%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 25.915, 305.248 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 79, 25.915, 305.248 by changing the saturation by 10% instead.


 79, 25.915,
305.248

 79, 25.915,
305.248


 100, 25.915,
305.248

 69, 25.915,
305.248

 99, 25.915,
305.248


 59, 25.915,
305.248

 49, 25.915,
305.248

 39, 25.915,
305.248

 29, 25.915,
305.248

 19, 25.915,
305.248

 9, 25.915, 305.248

0, 25.915, 305.248

79, 25.915,
305.248

79, 25.915,
305.248

72, 39.498,
305.927

86, 12.744,
304.633

65, 53.432,
306.666

93, 0.011, 296.799

58, 67.559,
307.441

99, 10.318,
119.462

52, 81.565,
308.206

100, 10.136,
109.410

46, 94.880,
308.880

41, 106.584,
309.336

■ 37,115.466,
309.416

■ 34,120.927,
309.065

■ 34,120.927,
309.065

Harmonies

Complementary

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



79, 25.915, 305.248



91, 25.005, 123.041

Rectangle

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



79, 25.915, 305.248



79, 25.915, 355.248



79, 25.915, 125.248



79, 25.915, 175.248

Sweetspot

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



79, 25.913, 305.247



96, 8.119, 304.406



86, 13.198, 239.962



50, 5.391, 304.443



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 25.913, 305.247



82, 33.451, 305.518



81, 28.694, 321.207



45, 7.224, 304.602



25, 99.274, 309.233



4, 36.959, 307.071

Inverse Universe

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



81, 23.297, 338.394



85, 29.921, 338.739



89, 28.493, 139.234



46, 6.560, 337.547



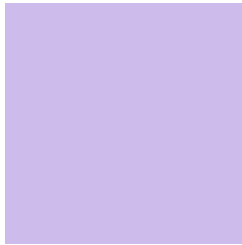
40, 68.867, 349.638



8, 30.405, 345.507

Previews

White Background



This preview shows how the CIELCh color 79, 25.915, 305.248 looks on a white background.

Color Contrast Check

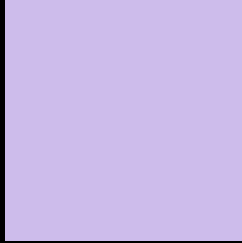
Large Text (above 18pt) WCAG AA × Fail

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 79, 25.915, 305.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

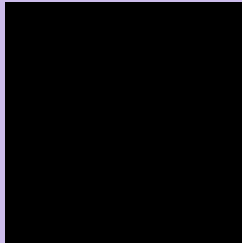
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 25.915, 305.248

Background



This preview shows how black text looks on a background with the CIELCh color 79, 25.915, 305.248.



This preview shows how white text looks on a background with the CIELCh color 79, 25.915, 305.248.

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


79, 25.915, 305.248

Protanopia

79, 24.148, 285.292

Deuteranopia

79, 23.109, 296.401



Tritanopia
79, 8.442, 308.212

Trichromacy



Original Color
79, 25.915, 305.248

Protanomaly
79, 24.604, 292.364

Deuteranomaly
79, 23.810, 299.602

Tritanomaly
79, 15.017, 306.395

Monochromacy



Original Color
79, 25.915, 305.248

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 9.457, 306.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 25.915, 305.248 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(205, 188, 235)` looks like.

```
.text, #text, p{  
    color:rgb(205, 188, 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(205, 188, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 188, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 25.915, 305.248 is called "border". The border property can be set on classes, ids or directly on the HTML element.

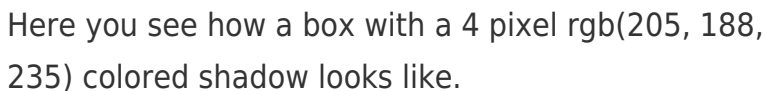
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 188, 235) }
```

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

```
.border{ border-color:rgb(205, 188, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 188, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 188, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 188, 235); box-shadow:4px 4px 4px 4px rgb(205, 188, 235) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 25.915, 305.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 188, 235) }
```

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

```
.background{ background-color: rgb(205,  
188, 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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