

Converting Colors

CIELCh(85, 7.991, 298.459)

Have a look what the booklet for
CIELCh(85, 7.991, 298.459) contains.

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Color

CIELCh(85, 7.991, 298.459)

Conversions

Conversions Part 1

Format	Color
Hex	D5D2E1
RGB	213, 210, 225
RGB Percent	84%, 82%, 88%
CMY	0.1628, 0.1746, 0.1158
CMYK	0.05, 0.07, 0.00, 0.12
HSL	252°, 20%, 85%
HSV	252°, 7%, 88%
XYZ	64.3984, 66.0070, 80.9246
YIQ	212.6070, -3.0270, 5.3010

Conversions

Conversions Part 2

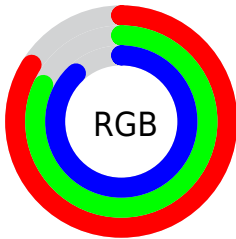
Format	Color
R _Y B	213, 210, 225
Decimal	14013153
CIE Lab	85.00, 3.81, -7.03
CIE LCh	85, 7.991, 298.459
Yxy	66.0070, 0.3047, 0.3123
Android (android.graphics.Color)	4292203233 (0xFFD5D2E1)
YUV	212.6070, 6.1097, 0.3447
Hunter-Lab	81.2447, -0.6906, -2.1851

Details

The CIELCh color $85, 7.991, 298.459$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89, 7.864, 117.540$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 7.841, 296.418$ is the 20% darker color. If you saturate the color by 10%, you get $78, 20.369, 299.246$, and if you desaturate by 10%, it is $92, 3.926, 117.773$.

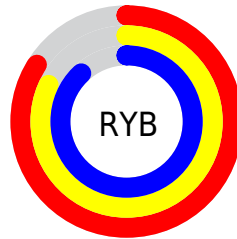
Distribution



Red (84%)

Green (82%)

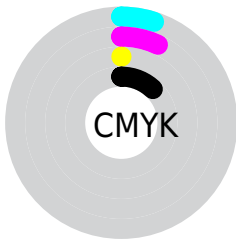
Blue (88%)



Red (84%)

Yellow (82%)

Blue (88%)

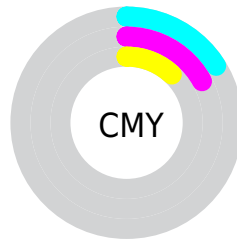


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (12%)



Cyan (16%)

Magenta (17%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 7.991, 298.459 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, 7.991, 298.459 by changing the saturation by 10% instead.

■ 85, 7.991, 298.459

■ 85, 7.991, 298.459

■ 100, 7.991,
298.459

■ 75, 7.991, 298.459

■ 65, 7.991, 298.459

■ 55, 7.991, 298.459

■ 45, 7.991, 298.459

■ 35, 7.991, 298.459

■ 25, 7.991, 298.459

■ 15, 7.991, 298.459

■ 5, 7.991, 298.459

■ 0, 7.991, 298.459

85, 7.991, 298.459

85, 7.991, 298.459

78, 20.369,
299.246

92, 3.926, 117.773

71, 33.232,
300.158

99, 15.088,
116.573

64, 46.574,
301.196

99, 14.935,
109.049

57, 60.337,
302.354

50, 74.352,
303.603

44, 88.217,
304.871

38, 101.128,
306.021

33, 111.750,
306.845

■ 30,118.556,
307.125

Harmonies

Complementary

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



85, 7.991, 298.459



89, 7.864, 117.540

Rectangle

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



85, 7.991, 298.459



85, 7.991, 348.459



85, 7.991, 118.459



85, 7.991, 168.459

Sweetspot

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



85, 7.989, 298.452



98, 2.638, 298.119



88, 4.517, 217.819



53, 1.500, 298.112



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, 7.989, 298.452



94, 10.639, 298.557



86, 8.734, 315.458



43, 6.825, 298.662



22, 99.748, 307.281



3, 32.010, 300.643

Inverse Universe

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



86, 8.334, 330.895



95, 11.082, 330.990



89, 8.672, 134.946



44, 7.097, 331.083



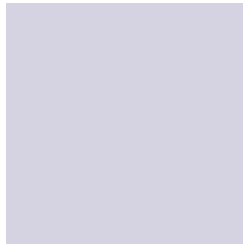
40, 74.966, 338.104



7, 31.382, 336.188

Previews

White Background



This preview shows how the CIELCh color 85, 7.991, 298.459 looks on a white background.

Color Contrast Check

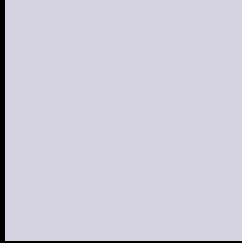
Large Text (above 18pt) WCAG AA × Fail

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, 7.991, 298.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

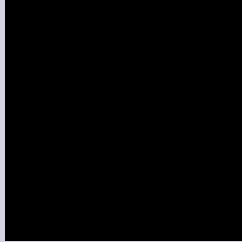
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

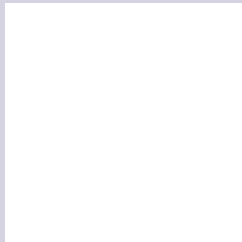
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 7.991, 298.459

Background



This preview shows how black text looks on a background with the CIELCh color 85, 7.991, 298.459.

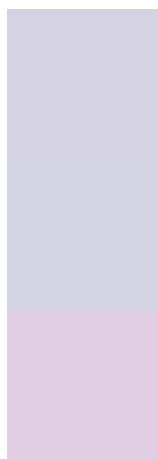


This preview shows how white text looks on a background with the CIELCh color 85, 7.991, 298.459.

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, 7.991, 298.459

Protanopia

85, 7.912, 293.401

Deuteranopia

85, 12.777, 324.906



Tritanopia
85, 9.087, 299.840

Trichromacy



Original Color
85, 7.991, 298.459

Protanomaly
85, 7.940, 295.938

Deuteranomaly
85, 10.596, 316.749

Tritanomaly
85, 8.567, 300.359

Monochromacy



Original Color
85, 7.991, 298.459

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.188, 296.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 7.991, 298.459 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(213, 210, 225)` looks like.

```
.text, #text, p{  
    color:rgb(213, 210, 225)  
}
```

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(213, 210, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 7.991, 298.459 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(213, 210, 225) }
```

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

```
.border{ border-color:rgb(213, 210, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 210, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 210, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 210, 225);  
box-shadow:4px 4px 4px 4px rgb(213, 210,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 7.991, 298.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 210, 225) }
```

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

```
.background{ background-color: rgb(213,  
210, 225) }
```

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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