

Converting Colors

CIELCh(85, 7.610, 304.252)

Have a look what the booklet for
CIELCh(85, 7.610, 304.252) contains.

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Color

CIELCh(85, 7.610, 304.252)

Conversions

Conversions Part 1

Format	Color
Hex	D7D2E0
RGB	215, 210, 224
RGB Percent	84%, 82%, 88%
CMY	0.1564, 0.1760, 0.1211
CMYK	0.04, 0.06, 0.00, 0.12
HSL	261°, 18%, 85%
HSV	261°, 6%, 88%
XYZ	64.6077, 66.0070, 79.9434
YIQ	213.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

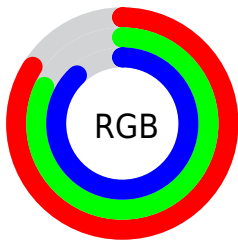
Format	Color
R _Y B	215, 210, 224
Decimal	14144224
CIE Lab	85.00, 4.28, -6.29
CIE LCh	85, 7.610, 304.252
Yxy	66.0070, 0.3068, 0.3135
Android (android.graphics.Color)	4292334304 (0xFFD7D2E0)
YUV	213.0910, 5.3781, 1.6742
Hunter-Lab	81.2447, -0.2308, -1.4691

Details

The CIELCh color `85, 7.610, 304.252` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 7.510, 123.611`, 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, 7.409, 302.522` is the 20% darker color. If you saturate the color by 10%, you get `78, 20.115, 304.840`, and if you desaturate by 10%, it is `92, 4.478, 123.755`.

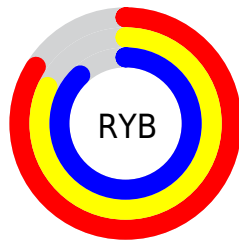
Distribution



Red (84%)

Green (82%)

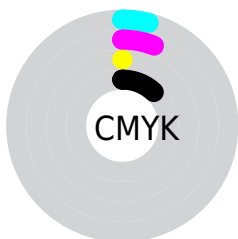
Blue (88%)



Red (84%)

Yellow (82%)

Blue (88%)

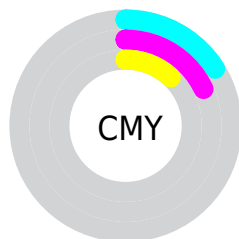


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (12%)



Cyan (16%)

Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 7.610, 304.252 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, 7.610, 304.252 by changing the saturation by 10% instead.

■ 85, 7.610, 304.252

■ 85, 7.610, 304.252

■ 100, 7.610,
304.252

■ 75, 7.610, 304.252

■ 65, 7.610, 304.252

■ 55, 7.610, 304.252

■ 45, 7.610, 304.252

■ 35, 7.610, 304.252

■ 25, 7.610, 304.252


■ 15, 7.610, 304.252

■ 5, 7.610, 304.252

■ 0, 7.610, 304.252


 85, 7.610, 304.252


 85, 7.610, 304.252


 78, 20.115,
304.840


 92, 4.478, 123.755


 71, 33.036,
305.499


 98, 16.152,
123.291


 65, 46.327,
306.223


 99, 15.620,
108.997

 58, 59.879,
306.995

 52, 73.464,
307.780

 46, 86.645,
308.513

 40, 98.679,
309.086

 36, 108.483,
309.349

■ 33,114.922,
309.147

Harmonies

Complementary

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



85, 7.610, 304.252



89, 7.510, 123.611

Rectangle

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



85, 7.610, 304.252



85, 7.610, 354.252



85, 7.610, 124.252



85, 7.610, 174.252

Sweetspot

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



85, 7.608, 304.246



99, 2.693, 303.998



87, 4.071, 238.466



53, 1.531, 303.991



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, 7.608, 304.246



95, 9.480, 304.292



86, 8.541, 320.544



44, 5.550, 304.321



24, 97.255, 309.180



3, 32.571, 305.089

Inverse Universe

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



86, 6.953, 337.078



95, 8.659, 337.143



88, 8.506, 140.016



45, 5.068, 337.184



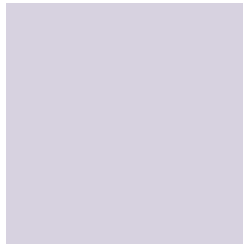
39, 67.619, 349.196



7, 28.374, 344.813

Previews

White Background



This preview shows how the CIELCh color 85, 7.610, 304.252 looks on a white background.

Color Contrast Check

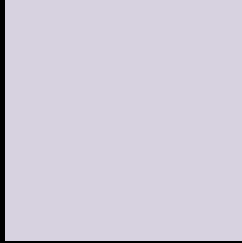
Large Text (above 18pt) WCAG AA × Fail

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, 7.610, 304.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

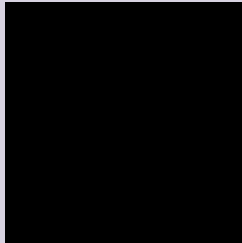
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

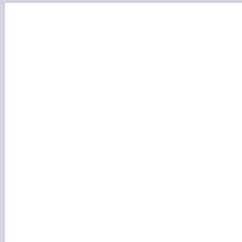
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 7.610, 304.252

Background



This preview shows how black text looks on a background with the CIELCh color 85, 7.610, 304.252.

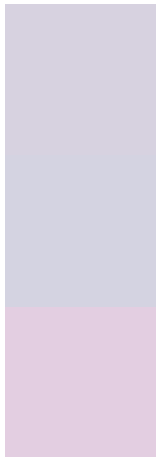


This preview shows how white text looks on a background with the CIELCh color 85, 7.610, 304.252.

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, 7.610, 304.252

Protanopia

85, 7.387, 293.544

Deuteranopia

85, 12.561, 327.637



Tritanopia
85, 8.636, 302.670

Trichromacy



Original Color
85, 7.610, 304.252

Protanomaly
85, 7.417, 296.265

Deuteranomaly
85, 10.476, 321.551

Tritanomaly
85, 8.122, 303.409

Monochromacy



Original Color
85, 7.610, 304.252

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.742, 305.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 7.610, 304.252 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(215, 210, 224)` looks like.

```
.text, #text, p{  
    color:rgb(215, 210, 224)  
}
```

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(215, 210, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 210, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 7.610, 304.252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

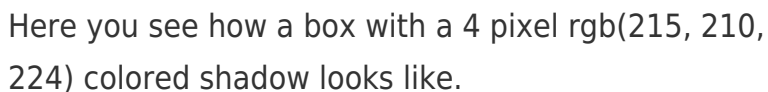
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 210, 224) }
```

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

```
.border{ border-color:rgb(215, 210, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 210, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 210, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 210, 224);  
box-shadow:4px 4px 4px 4px rgb(215, 210,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 7.610, 304.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 210, 224) }
```

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

```
.background{ background-color: rgb(215,  
210, 224) }
```

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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