

Converting Colors

CIELCh(85, 6.219, 331.997)

Have a look what the booklet for
CIELCh(85, 6.219, 331.997) contains.

CIELCh(85, 6.450, 332.636)	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, 6.450, 332.636)

Conversions

Conversions Part 1

Format	Color
Hex	DDD1DA
RGB	221, 209, 218
RGB Percent	87%, 82%, 85%
CMY	0.1335, 0.1805, 0.1452
CMYK	0.00, 0.05, 0.01, 0.13
HSL	315°, 15%, 84%
HSV	315°, 5%, 87%
XYZ	65.2469, 66.0070, 75.6040
YIQ	213.6140, 4.2630, 5.3430

Conversions

Conversions Part 2

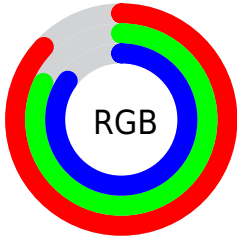
Format	Color
R_{YB}	221, 209, 218
Decimal	14537178
CIE Lab	85.00, 5.73, -2.96
CIE LCh	85, 6.450, 332.636
Yxy	66.0070, 0.3154, 0.3191
Android (android.graphics.Color)	4292727258 (0xFFDDD1DA)
YUV	213.6140, 2.1623, 6.4775
Hunter-Lab	81.2447, 1.1736, 1.6977

Details

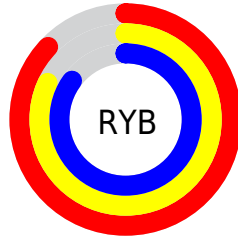
The CIELCh color `85, 6.450, 332.636` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `87, 6.421, 152.039`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 6.140, 333.590` is the 20% darker color. If you saturate the color by 10%, you get `79, 18.445, 333.342`, and if you desaturate by 10%, it is `91, 5.356, 152.123`.

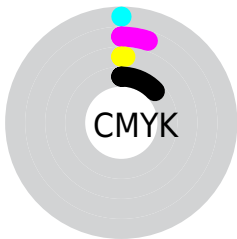
Distribution



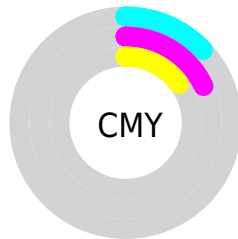
- Red (87%)
- Green (82%)
- Blue (85%)



- Red (87%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 6.450, 332.636 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, 6.450, 332.636 by changing the saturation by 10% instead.

85, 6.450, 332.636

85, 6.450, 332.636

100, 6.450,
332.636

75, 6.450, 332.636

65, 6.450, 332.636

55, 6.450, 332.636

45, 6.450, 332.636

35, 6.450, 332.636

25, 6.450, 332.636

15, 6.450, 332.636

5, 6.450, 332.636

0, 6.450, 332.636

85, 6.450, 332.636

85, 6.450, 332.636

79, 18.445,
333.342

91, 5.356, 152.123

74, 30.488,
334.052

97, 16.876,
151.476

69, 42.340,
334.795

97, 15.951,
157.548

64, 53.663,
335.579

97, 14.154,
165.923

60, 64.002,
336.416

97, 12.719,
176.401

56, 72.812,
337.325

98, 11.782,
188.985

53, 79.534,
338.339

98, 11.491,
198.738

51, 83.739,
339.503

■ 50, 85.316,
340.876

Harmonies

Complementary

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



85, 6.450, 332.636



87, 6.421, 152.039

Rectangle

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



85, 6.450, 332.636



85, 6.450, 22.636



85, 6.450, 152.636



85, 6.450, 202.636

Sweetspot

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



85, 6.448, 332.639



99, 2.665, 332.327



84, 6.433, 300.248



53, 1.515, 332.313



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, 6.448, 332.639



96, 9.348, 332.758



85, 4.662, 359.909



44, 5.369, 332.792



39, 71.539, 341.286



6, 28.989, 338.536

Inverse Universe

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



85, 6.448, 332.639



96, 9.348, 332.758



87, 4.571, 179.141



44, 5.369, 332.792



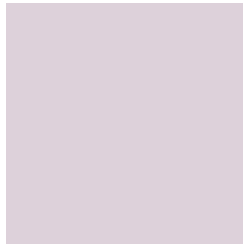
39, 71.539, 341.286



6, 28.989, 338.536

Previews

White Background



This preview shows how the CIELCh color 85, 6.450, 332.636 looks on a white background.

Color Contrast Check

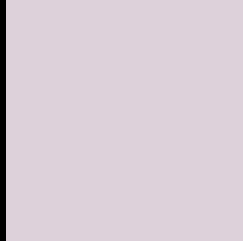
Large Text (above 18pt) WCAG AA × Fail

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, 6.450, 332.636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

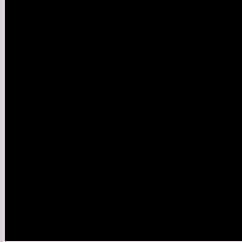
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

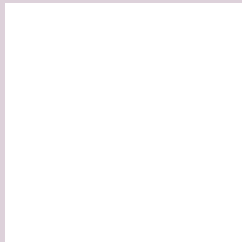
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 6.450, 332.636

Background



This preview shows how black text looks on a background with the CIELCh color 85, 6.450, 332.636.

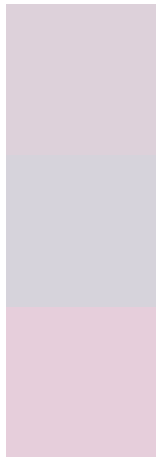


This preview shows how white text looks on a background with the CIELCh color 85, 6.450, 332.636.

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

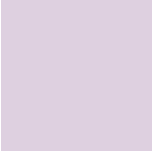
85, 6.450, 332.636

Protanopia

85, 4.365, 304.755

Deuteranopia

85, 11.093, 342.279



Tritanopia
85, 9.844, 321.317

Trichromacy



Original Color
85, 6.450, 332.636

Protanomaly
85, 5.393, 318.280

Deuteranomaly
85, 9.635, 339.257

Tritanomaly
85, 8.961, 324.756

Monochromacy



Original Color
85, 6.450, 332.636

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 2.417, 338.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 6.450, 332.636 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(221, 209, 218)` looks like.

```
.text, #text, p{  
    color:rgb(221, 209, 218)  
}
```

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(221, 209, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 209, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 6.450, 332.636 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(221, 209, 218) }
```

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

```
.border{ border-color:rgb(221, 209, 218) }
```

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

Here you see how a box with a 4 pixel rgb(221, 209, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 209, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 209, 218);  
box-shadow:4px 4px 4px 4px rgb(221, 209,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 6.450, 332.636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 209, 218) }
```

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

```
.background{ background-color: rgb(221,  
209, 218) }
```

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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