

Converting Colors

CIELCh(85, 10.551, 308.517)

Have a look what the booklet for
CIELCh(85, 10.551, 308.517)
contains.

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Color

CIELCh(85, 10.542, 308.515)

Conversions

Conversions Part 1

Format	Color
Hex	DAD1E4
RGB	218, 209, 228
RGB Percent	85%, 82%, 89%
CMY	0.1457, 0.1809, 0.1064
CMYK	0.04, 0.08, 0.00, 0.11
HSL	268°, 26%, 86%
HSV	268°, 8%, 89%
XYZ	65.6188, 66.0070, 82.5749
YIQ	213.8570, -0.7350, 7.8170

Conversions

Conversions Part 2

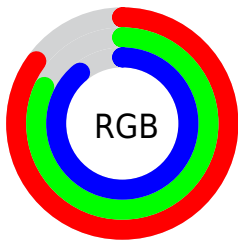
Format	Color
R _{YB}	218, 209, 228
Decimal	14340580
CIE Lab	85.00, 6.56, -8.25
CIE LCh	85, 10.542, 308.515
Yxy	66.0070, 0.3063, 0.3082
Android (android.graphics.Color)	4292530660 (0xFFDAD1E4)
YUV	213.8570, 6.9725, 3.6334
Hunter-Lab	81.2447, 1.9907, -3.3894

Details

The CIELCh color `85, 10.542, 308.515` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `89, 10.402, 127.776`, 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, 10.486, 307.586` is the 20% darker color. If you saturate the color by 10%, you get `78, 23.521, 309.020`, and if you desaturate by 10%, it is `92, 2.059, 128.128`.

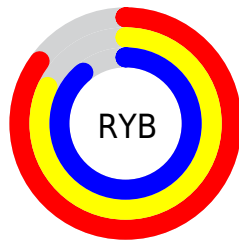
Distribution



Red (85%)

Green (82%)

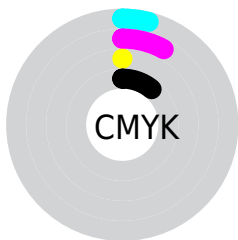
Blue (89%)



Red (85%)

Yellow (82%)

Blue (89%)

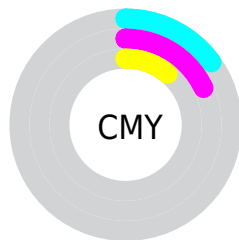


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (15%)


Magenta (18%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 10.542, 308.515 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, 10.542, 308.515 by changing the saturation by 10% instead.


 85, 10.542,
308.515


 85, 10.542,
308.515


 100, 10.542,
308.515


 75, 10.542,
308.515

 65, 10.542,
308.515

 55, 10.542,
308.515

 45, 10.542,
308.515

 35, 10.542,
308.515

 25, 10.542,
308.515

 15, 10.542,

308.515

■ 5, 10.542, 308.515

■ 0, 10.542, 308.515

■ 85, 10.542,
308.515

■ 85, 10.542,
308.515

■ 78, 23.521,
309.020

■ 92, 2.059, 128.128

■ 72, 36.845,
309.566

■ 98, 14.262,
127.672

■ 65, 50.417,
310.140

■ 99, 13.747,
110.895

■ 59, 64.058,
310.716

■ 99, 13.736,
109.140

■ 53, 77.442,

311.253

■ 47, 90.034,
311.680

■ 43, 101.038,
311.898

■ 39, 109.475,
311.784

■ 36, 114.696,
311.256

Harmonies

Complementary

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



85, 10.542, 308.515



89, 10.402, 127.776

Rectangle

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



85, 10.542, 308.515



85, 10.542, 358.515



85, 10.542, 128.515



85, 10.542, 178.515

Sweetspot

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



85, 10.540, 308.512



98, 4.129, 308.244



87, 5.781, 252.839



52, 3.132, 308.287



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, 10.540, 308.512



93, 13.886, 308.597



86, 11.987, 323.968



45, 7.235, 308.567



27, 95.997, 311.341



4, 35.464, 310.097

Inverse Universe

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



86, 8.683, 342.884



93, 11.434, 343.040



89, 11.961, 143.108



45, 5.958, 342.986



38, 65.208, 359.404



7, 27.891, 352.959

Previews

White Background



This preview shows how the CIELCh color 85, 10.542, 308.515 looks on a white background.

Color Contrast Check

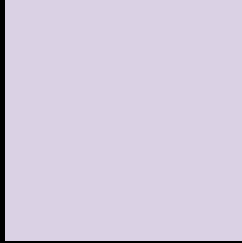
Large Text (above 18pt) WCAG AA × Fail

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, 10.542, 308.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

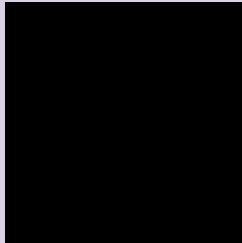
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

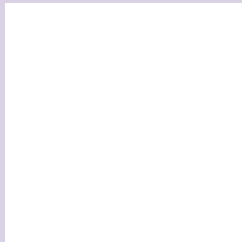
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 10.542, 308.515

Background



This preview shows how black text looks on a background with the CIELCh color 85, 10.542, 308.515.



This preview shows how white text looks on a background with the CIELCh color 85, 10.542, 308.515.

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, 10.542, 308.515

Protanopia
85, 9.477, 290.987

Deuteranopia
85, 13.471, 321.113



Tritanopia
85, 9.546, 310.401

Trichromacy



Original Color
85, 10.542, 308.515

Protanomaly
85, 10.081, 297.003

Deuteranomaly
85, 12.331, 316.555

Tritanomaly
85, 10.043, 309.409

Monochromacy



Original Color
85, 10.542, 308.515

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 3.854, 306.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 10.542, 308.515 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(218, 209, 228)` looks like.

```
.text, #text, p{  
    color:rgb(218, 209, 228)  
}
```

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(218, 209, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 209, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 10.542, 308.515 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(218, 209, 228) }
```

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

```
.border{ border-color:rgb(218, 209, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 209, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 209, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 209, 228);  
box-shadow:4px 4px 4px 4px rgb(218, 209,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 10.542, 308.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 209, 228) }
```

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

```
.background{ background-color: rgb(218,  
209, 228) }
```

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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