

Converting Colors

CIELCh(85, 1.238, 271.505)

Have a look what the booklet for
CIELCh(85, 1.238, 271.505) contains.

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Color

CIELCh(85, 1.621, 277.570)

Conversions

Conversions Part 1

Format	Color
Hex	D3D4D7
RGB	211, 212, 215
RGB Percent	83%, 83%, 84%
CMY	0.1716, 0.1677, 0.1559
CMYK	0.02, 0.01, 0.00, 0.16
HSL	225°, 5%, 84%
HSV	225°, 2%, 84%
XYZ	62.8301, 66.0070, 73.8784
YIQ	212.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

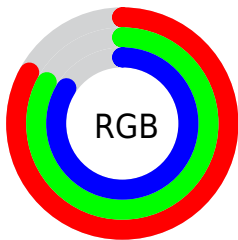
Format	Color
R _Y B	211, 212, 215
Decimal	13882583
CIE Lab	85.00, 0.21, -1.61
CIE LCh	85, 1.621, 277.570
Yxy	66.0070, 0.3099, 0.3256
Android (android.graphics.Color)	4292072663 (0xFFD3D4D7)
YUV	212.0430, 1.4578, -0.9147
Hunter-Lab	81.2447, -4.1364, 2.9570

Details

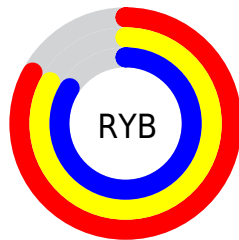
The CIELCh color `85, 1.621, 277.570` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `86, 1.599, 96.833`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 1.675, 290.388` is the 20% darker color. If you saturate the color by 10%, you get `79, 10.406, 278.691`, and if you desaturate by 10%, it is `91, 6.957, 96.255`.

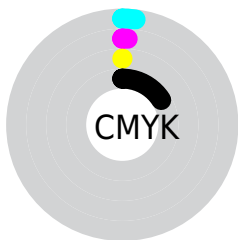
Distribution



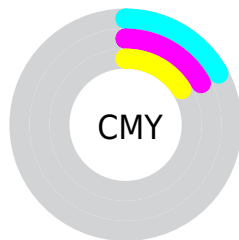
- Red (83%)
- Green (83%)
- Blue (84%)



- Red (83%)
- Yellow (83%)
- Blue (84%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (17%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 1.621, 277.570 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, 1.621, 277.570 by changing the saturation by 10% instead.

■ 85, 1.621, 277.570

■ 85, 1.621, 277.570

100, 1.621,
277.570

■ 75, 1.621, 277.570

■ 65, 1.621, 277.570

■ 55, 1.621, 277.570

■ 45, 1.621, 277.570

■ 35, 1.621, 277.570

■ 25, 1.621, 277.570

■ 15, 1.621, 277.570

■ 5, 1.621, 277.570

■ 0, 1.621, 277.570

85, 1.621, 277.570

85, 1.621, 277.570

79, 10.406,
278.691

91, 6.957, 96.255

73, 19.415,
280.179

96, 15.332, 95.313

68, 28.663,
281.925

99, 20.097,
108.656

62, 38.175,
283.965

56, 47.981,
286.333

51, 58.109,
289.040

45, 68.557,
292.053

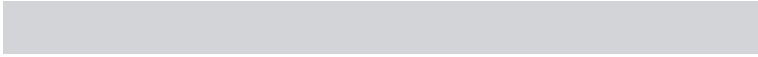
41, 79.221,
295.266

■ 36, 89.778,
298.484

Harmonies

Complementary

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



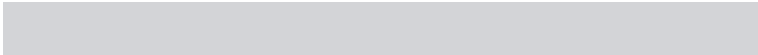
85, 1.621, 277.570



86, 1.599, 96.833

Rectangle

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



85, 1.621, 277.570



85, 1.621, 327.570



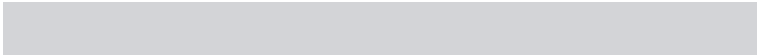
85, 1.621, 97.570



85, 1.621, 147.570

Sweetspot

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



85, 1.619, 277.511



99, 1.004, 277.512



86, 1.546, 178.477



53, 0.571, 277.518



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, 1.619, 277.511



99, 1.999, 277.520



85, 2.144, 299.379



45, 0.985, 277.512



26, 81.160, 300.394



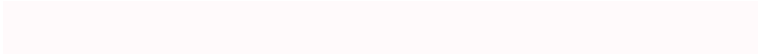
4, 22.869, 287.484

Inverse Universe

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



85, 1.552, 359.288



99, 1.917, 359.329



86, 2.117, 119.168



45, 0.944, 359.294



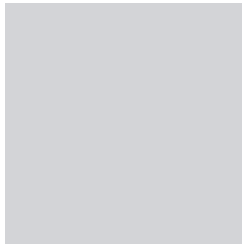
36, 66.519, 25.038



5, 22.146, 8.612

Previews

White Background



This preview shows how the CIELCh color 85, 1.621, 277.570 looks on a white background.

Color Contrast Check

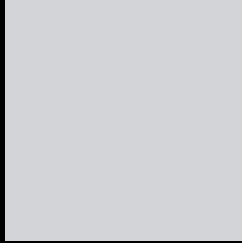
Large Text (above 18pt) WCAG AA × Fail

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, 1.621, 277.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

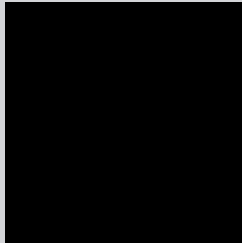
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

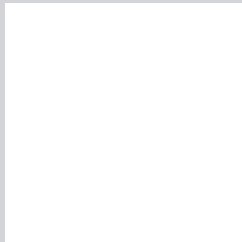
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 1.621, 277.570

Background



This preview shows how black text looks on a background with the CIELCh color 85, 1.621, 277.570.

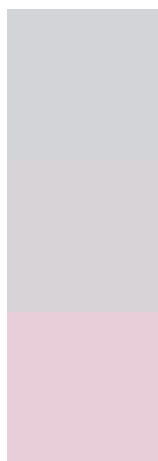


This preview shows how white text looks on a background with the CIELCh color 85, 1.621, 277.570.

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

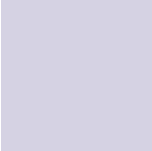
85, 1.621, 277.570

Protanopia

85, 2.573, 324.438

Deuteranopia

85, 10.803, 347.938



Tritanopia
85, 9.035, 297.636

Trichromacy



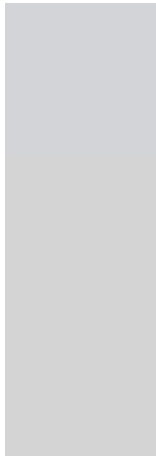
Original Color
85, 1.621, 277.570

Protanomaly
85, 2.386, 317.287

Deuteranomaly
85, 7.197, 344.182

Tritanomaly
85, 6.336, 293.923

Monochromacy



Original Color
85, 1.621, 277.570

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 0.535, 290.348

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 1.621, 277.570 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(211, 212, 215)` looks like.

```
.text, #text, p{  
    color:rgb(211, 212, 215)  
}
```

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(211, 212, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 212, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 1.621, 277.570 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(211, 212, 215) }
```

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

```
.border{ border-color:rgb(211, 212, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 212, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 212, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 212, 215);  
box-shadow:4px 4px 4px 4px rgb(211, 212,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 1.621, 277.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 212, 215) }
```

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

```
.background{ background-color: rgb(211,  
212, 215) }
```

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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