

Converting Colors

CIELCh(85, 3.624, 190.943)

Have a look what the booklet for
CIELCh(85, 3.624, 190.943) contains.

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Color

CIELCh(85, 3.621, 190.945)

Conversions

Conversions Part 1

Format	Color
Hex	CCD6D5
RGB	204, 214, 213
RGB Percent	80%, 84%, 84%
CMY	0.1985, 0.1592, 0.1632
CMYK	0.05, 0.00, 0.00, 0.16
HSL	174°, 11%, 82%
HSV	174°, 5%, 84%
XYZ	61.2132, 66.0070, 72.7250
YIQ	210.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

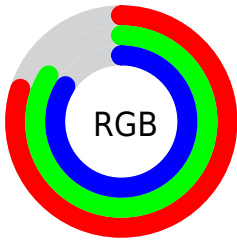
Format	Color
R_YB	204, 209, 214
Decimal	13424341
CIE Lab	85.00, -3.56, -0.69
CIE LCh	85, 3.621, 190.945
Yxy	66.0070, 0.3061, 0.3301
Android (android.graphics.Color)	4291614421 (0xFFCCD6D5)
YUV	210.8960, 1.0373, -6.0478
Hunter-Lab	81.2447, -7.6887, 3.7987

Details

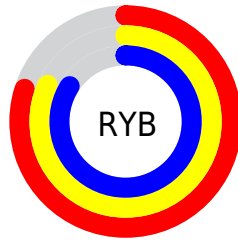
The CIELCh color `85, 3.621, 190.945` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 3.713, 11.347`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 3.449, 189.942` is the 20% darker color. If you saturate the color by 10%, you get `83, 11.168, 190.040`, and if you desaturate by 10%, it is `87, 4.205, 11.394`.

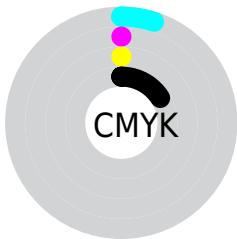
Distribution



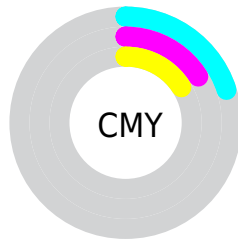
- Red (80%)
- Green (84%)
- Blue (84%)



- Red (80%)
- Yellow (82%)
- Blue (84%)



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 3.621, 190.945 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, 3.621, 190.945 by changing the saturation by 10% instead.

■ 85, 3.621, 190.945

■ 85, 3.621, 190.945

■ 100, 3.621,
190.945

■ 75, 3.621, 190.945

■ 65, 3.621, 190.945

■ 55, 3.621, 190.945

■ 45, 3.621, 190.945

■ 35, 3.621, 190.945

■ 25, 3.621, 190.945

■ 15, 3.621, 190.945

■ 5, 3.621, 190.945

■ 0, 3.621, 190.945

85, 3.621, 190.945

85, 3.621, 190.945

83, 11.168,
190.040

87, 4.205, 11.394

82, 18.315,
189.236

89, 12.215, 12.238

81, 24.935,
188.428

89, 15.212, 9.859

80, 30.900,
187.604

89, 15.677, 1.815

79, 36.085,
186.750

89, 16.024,
358.011

78, 40.393,
185.854


89, 16.442,
354.390

78, 43.765,
184.897

90, 16.925,
350.966

78, 46.197,
183.862

90, 17.467,
347.750

 77, 47.759,
182.732

Harmonies

Complementary

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



85, 3.621, 190.945



83, 3.713, 11.347

Rectangle

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



85, 3.621, 190.945



85, 3.621, 240.945



85, 3.621, 10.945



85, 3.621, 60.945

Sweetspot

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



85, 3.622, 190.919



100, 0.896, 191.762



85, 6.187, 141.054



53, 0.509, 191.804



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, 3.622, 190.919



99, 5.348, 190.777



84, 2.967, 242.502



45, 3.071, 190.726



63, 40.764, 182.305



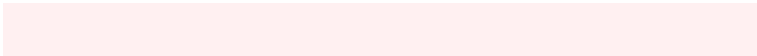
15, 15.671, 184.678

Inverse Universe

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



83, 3.713, 11.347



96, 5.518, 11.500



84, 3.016, 61.260



43, 3.177, 11.556



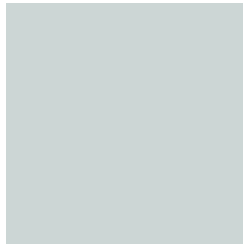
35, 73.217, 35.561



5, 21.967, 15.293

Previews

White Background



This preview shows how the CIELCh color 85, 3.621, 190.945 looks on a white background.

Color Contrast Check

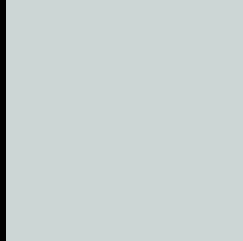
Large Text (above 18pt) WCAG AA × Fail

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, 3.621, 190.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

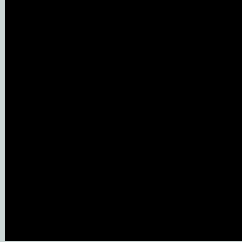
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

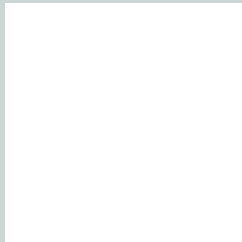
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 3.621, 190.945

Background



This preview shows how black text looks on a background with the CIELCh color 85, 3.621, 190.945.

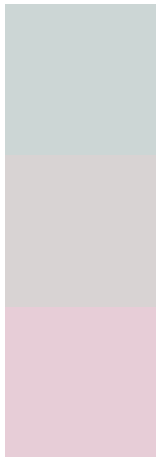


This preview shows how white text looks on a background with the CIELCh color 85, 3.621, 190.945.

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

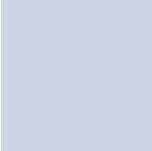
85, 3.621, 190.945

Protanopia

85, 1.817, 19.223

Deuteranopia

85, 10.872, 351.375



Tritanopia
85, 9.081, 279.915

Trichromacy



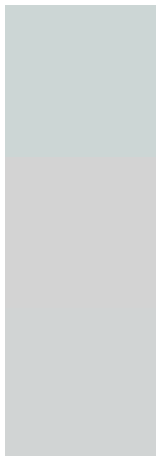
Original Color
85, 3.621, 190.945

Protanomaly
85, 0.010, 296.813

Deuteranomaly
85, 5.705, 346.199

Tritanomaly
85, 5.767, 265.395

Monochromacy



Original Color
85, 3.621, 190.945

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 1.079, 199.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 3.621, 190.945 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(204, 214, 213)` looks like.

```
.text, #text, p{  
    color:rgb(204, 214, 213)  
}
```

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(204, 214, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 214, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 3.621, 190.945 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(204, 214, 213) }
```

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

```
.border{ border-color:rgb(204, 214, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 214, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 214, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 214, 213);  
box-shadow:4px 4px 4px 4px rgb(204, 214,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 3.621, 190.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 214, 213) }
```

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

```
.background{ background-color: rgb(204,  
214, 213) }
```

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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