

Converting Colors

CIELCh(85, 4.714, 242.251)

Have a look what the booklet for
CIELCh(85, 4.714, 242.251) contains.

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Color

CIELCh(85, 4.689, 241.692)

Conversions

Conversions Part 1

Format	Color
Hex	CCD6DC
RGB	204, 214, 220
RGB Percent	80%, 84%, 86%
CMY	0.2005, 0.1613, 0.1378
CMYK	0.07, 0.03, 0.00, 0.14
HSL	202°, 19%, 83%
HSV	202°, 7%, 86%
XYZ	61.7813, 66.0070, 77.1040
YIQ	211.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

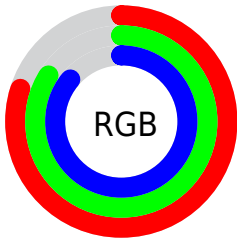
Format	Color
R_YB	204, 210, 220
Decimal	13424348
CIE _{Lab}	85.00, -2.22, -4.13
CIE _{LCh}	85, 4.689, 241.692
Yxy	66.0070, 0.3015, 0.3222
Android (android.graphics.Color)	4291614428 (0xFFCCD6DC)
YUV	211.6940, 4.0949, -6.7476
Hunter-Lab	81.2447, -6.4407, 0.6031

Details

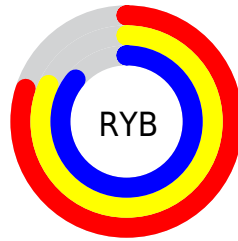
The CIELCh color $85, 4.689, 241.692$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $85, 4.833, 60.038$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 4.669, 244.965$ is the 20% darker color. If you saturate the color by 10%, you get $81, 10.950, 242.818$, and if you desaturate by 10%, it is $89, 1.770, 60.290$.

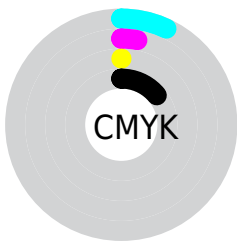
Distribution



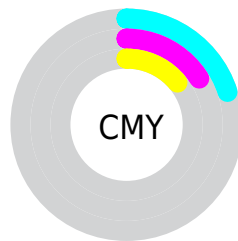
- Red (80%)
- Green (84%)
- Blue (86%)



- Red (80%)
- Yellow (82%)
- Blue (86%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (20%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 4.689, 241.692 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, 4.689, 241.692 by changing the saturation by 10% instead.

■ 85, 4.689, 241.692

■ 85, 4.689, 241.692

■ 100, 4.689,
241.692

■ 75, 4.689, 241.692

■ 65, 4.689, 241.692

■ 55, 4.689, 241.692

■ 45, 4.689, 241.692

■ 35, 4.689, 241.692

■ 25, 4.689, 241.692

■ 15, 4.689, 241.692

■ 5, 4.689, 241.692

■ 0, 4.689, 241.692

85, 4.689, 241.692

85, 4.689, 241.692

81, 10.950,
242.818

89, 1.770, 60.290

78, 16.960,
244.289

93, 8.377, 59.695

74, 22.661,
246.112

95, 11.323, 77.133

71, 28.002,
248.359

97, 14.035, 96.747

99, 17.764,
108.834

68, 32.944,
251.109

64, 37.484,
254.440

61, 41.664,
258.397

59, 45.593,
262.964

■ 56, 49.439,
268.001

Harmonies

Complementary

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



85, 4.689, 241.692



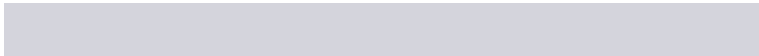
85, 4.833, 60.038

Rectangle

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



85, 4.689, 241.692



85, 4.689, 291.692



85, 4.689, 61.692



85, 4.689, 111.692

Sweetspot

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



85, 4.689, 241.666



99, 1.469, 241.392



86, 7.878, 156.626



53, 0.835, 241.402



0, 0.000, 0.000



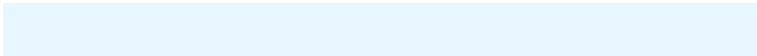
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 4.689, 241.666



96, 6.522, 241.846



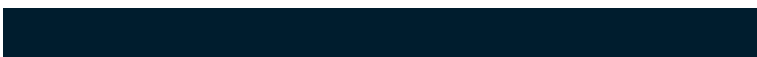
83, 7.361, 284.962



44, 3.638, 241.883



44, 41.822, 268.456



9, 14.941, 257.753

Inverse Universe

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



84, 7.881, 337.960



94, 11.012, 338.106



87, 7.265, 103.336



43, 6.148, 338.135



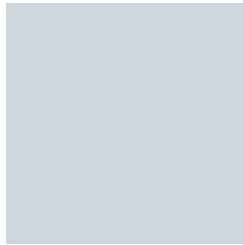
38, 66.289, 350.618



6, 26.728, 345.788

Previews

White Background



This preview shows how the CIELCh color 85, 4.689, 241.692 looks on a white background.

Color Contrast Check

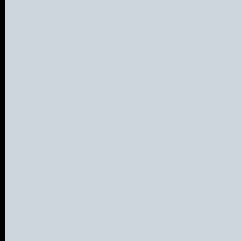
Large Text (above 18pt) WCAG AA × Fail

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, 4.689, 241.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

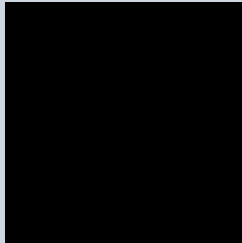
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

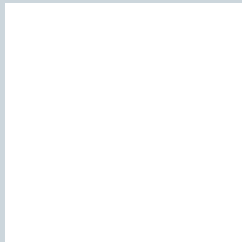
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 4.689, 241.692

Background



This preview shows how black text looks on a background with the CIELCh color 85, 4.689, 241.692.



This preview shows how white text looks on a background with the CIELCh color 85, 4.689, 241.692.

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

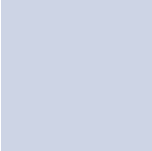
85, 4.689, 241.692

Protanopia

85, 3.858, 306.660

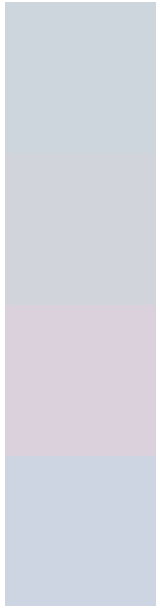
Deuteranopia

85, 11.601, 333.819



Tritanopia
85, 9.224, 275.692

Trichromacy



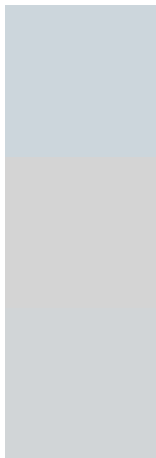
Original Color
85, 4.689, 241.692

Protanomaly
85, 3.745, 279.563

Deuteranomaly
85, 7.301, 320.012

Tritanomaly
85, 7.335, 268.407

Monochromacy



Original Color
85, 4.689, 241.692

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 1.768, 236.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 4.689, 241.692 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(204, 214, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 214, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 4.689, 241.692 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, 220) }
```

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

```
.border{ border-color:rgb(204, 214, 220) }
```

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, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 214, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 214, 220);  
box-shadow:4px 4px 4px 4px rgb(204, 214,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 4.689, 241.692 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, 220) }
```

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

```
.background{ background-color: rgb(204,  
214, 220) }
```

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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