

Converting Colors

CIELCh(85, 9.056, 241.520)

Have a look what the booklet for
CIELCh(85, 9.056, 241.520) contains.

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Color

CIELCh(85, 9.220, 242.445)

Conversions

Conversions Part 1

Format	Color
Hex	C3D7E3
RGB	195, 215, 227
RGB Percent	76%, 84%, 89%
CMY	0.2339, 0.1554, 0.1083
CMYK	0.14, 0.05, 0.00, 0.11
HSL	202°, 37%, 83%
HSV	202°, 14%, 89%
XYZ	60.9117, 66.0070, 82.4739
YIQ	210.3880, -15.7720, -0.5080

Conversions

Conversions Part 2

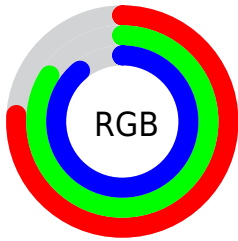
Format	Color
R_{YB}	195, 207, 227
Decimal	12834787
CIE _{Lab}	85.00, -4.27, -8.17
CIE _{LCh}	85, 9.220, 242.445
Yxy	66.0070, 0.2909, 0.3152
Android (android.graphics.Color)	4291024867 (0xFFC3D7E3)
YUV	210.3880, 8.1897, -13.4953
Hunter-Lab	81.2447, -8.3511, -3.3157

Details

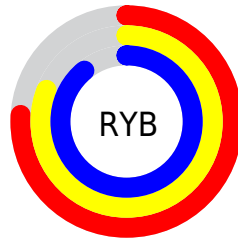
The CIELCh color `85, 9.220, 242.445` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 9.831, 59.470`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.042, 199.975`, and `65, 9.396, 244.452` is the 20% darker color. If you saturate the color by 10%, you get `81, 15.484, 243.808`, and if you desaturate by 10%, it is `89, 2.714, 241.426`.

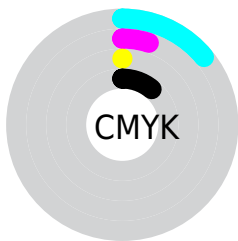
Distribution



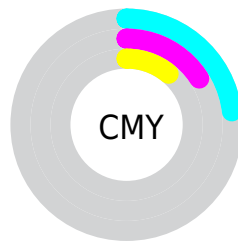
- Red (76%)
- Green (84%)
- Blue (89%)



- Red (76%)
- Yellow (81%)
- Blue (89%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 9.220, 242.445 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, 9.220, 242.445 by changing the saturation by 10% instead.

■ 85, 9.220, 242.445

■ 85, 9.220, 242.445

■ 100, 9.220,
242.445

■ 75, 9.220, 242.445

■ 65, 9.220, 242.445

■ 55, 9.220, 242.445

■ 45, 9.220, 242.445

■ 35, 9.220, 242.445

■ 25, 9.220, 242.445

■ 15, 9.220, 242.445

■ 5, 9.220, 242.445

■ 0, 9.220, 242.445

85, 9.220, 242.445

85, 9.220, 242.445

81, 15.484,
243.808

89, 2.714, 241.426

78, 21.449,
245.518

93, 3.977, 60.179

74, 27.059,
247.628

96, 8.604, 73.107

71, 32.268,
250.219

98, 11.394, 99.144

99, 13.979,
109.121

67, 37.060,
253.371

64, 41.463,
257.142

61, 45.565,
261.540

59, 49.521,
266.477

■ 57, 51.906,
269.483

Harmonies

Complementary

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



85, 9.220, 242.445



85, 9.831, 59.470

Rectangle

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



85, 9.220, 242.445



85, 9.220, 292.445



85, 9.220, 62.445



85, 9.220, 112.445

Sweetspot

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



85, 9.219, 242.433



98, 2.923, 241.423



88, 15.705, 156.054



52, 2.074, 241.472



0, 0.000, 0.000



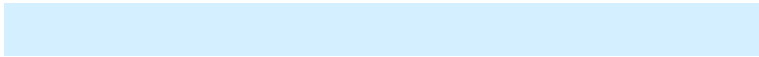
53, 0.007, 296.813

Same Dimension

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



85, 9.219, 242.433



93, 12.155, 242.817



81, 14.795, 285.806



46, 3.776, 241.905



45, 42.808, 268.596



11, 16.151, 259.110

Inverse Universe

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



82, 15.760, 338.516



89, 20.932, 338.764



89, 14.468, 102.601



45, 6.382, 338.144



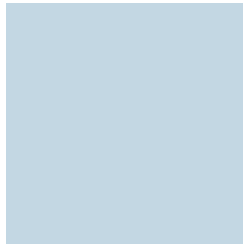
39, 67.696, 350.695



7, 29.238, 346.138

Previews

White Background



This preview shows how the CIE LCh color 85, 9.220, 242.445 looks on a white background.

Color Contrast Check

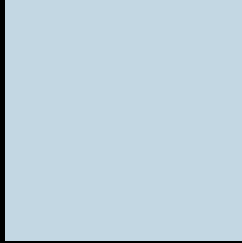
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 85, 9.220, 242.445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

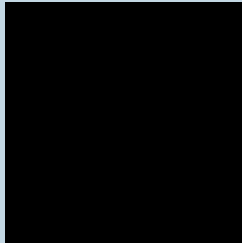
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

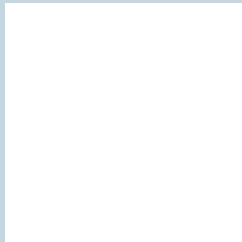
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 9.220, 242.445

Background



This preview shows how black text looks on a background with the CIELCh color 85, 9.220, 242.445.



This preview shows how white text looks on a background with the CIELCh color 85, 9.220, 242.445.

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](#).

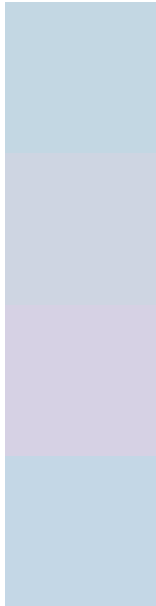
Dichromacy





Tritanopia
85, 10.901, 254.476

Trichromacy



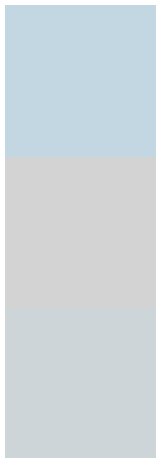
Original Color
85, 9.220, 242.445

Protanomaly
85, 7.218, 270.970

Deuteranomaly
85, 10.195, 300.933

Tritanomaly
85, 10.095, 250.729

Monochromacy



Original Color
85, 9.220, 242.445

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.508, 236.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 9.220, 242.445 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(195, 215, 227)` looks like.

```
.text, #text, p{  
    color:rgb(195, 215, 227)  
}
```

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(195, 215, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 215, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 9.220, 242.445 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(195, 215, 227) }
```

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

```
.border{ border-color:rgb(195, 215, 227) }
```

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

Here you see how a box with a 4 pixel rgb(195, 215, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 215, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 215, 227);  
box-shadow:4px 4px 4px 4px rgb(195, 215,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 9.220, 242.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 215, 227) }
```

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

```
.background{ background-color: rgb(195,  
215, 227) }
```

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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