

Converting Colors

CIELCh(85, 10.723, 255.952)

Have a look what the booklet for
CIELCh(85, 10.723, 255.952)
contains.

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Color

CIELCh(85, 10.715, 255.942)

Conversions

Conversions Part 1

Format	Color
Hex	C5D7E8
RGB	197, 215, 232
RGB Percent	77%, 84%, 91%
CMY	0.2291, 0.1585, 0.0918
CMYK	0.15, 0.07, 0.00, 0.09
HSL	209°, 43%, 84%
HSV	209°, 15%, 91%
XYZ	61.6192, 66.0070, 85.5235
YIQ	211.5560, -16.1850, 1.4710

Conversions

Conversions Part 2

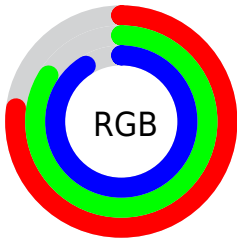
Format	Color
R _Y B	197, 209, 232
Decimal	12965864
CIE Lab	85.00, -2.60, -10.39
CIE LCh	85, 10.715, 255.942
Yxy	66.0070, 0.2891, 0.3097
Android (android.graphics.Color)	4291155944 (0xFFC5D7E8)
YUV	211.5560, 10.0789, -12.7656
Hunter-Lab	81.2447, -6.7968, -5.5412

Details

The CIELCh color `85, 10.715, 255.942` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `86, 11.176, 71.979`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.347, 201.292`, and `65, 10.606, 256.367` is the 20% darker color. If you saturate the color by 10%, you get `81, 17.675, 257.605`, and if you desaturate by 10%, it is `90, 3.648, 254.592`.

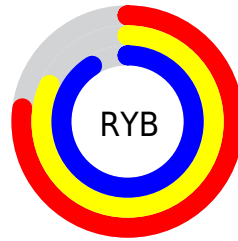
Distribution



Red (77%)

Green (84%)

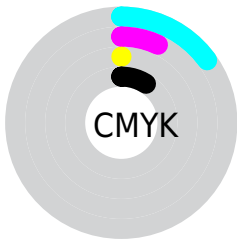
Blue (91%)



Red (77%)

Yellow (82%)

Blue (91%)

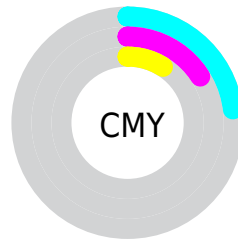


Cyan (15%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (23%)


Magenta (16%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 10.715, 255.942 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, 10.715, 255.942 by changing the saturation by 10% instead.


 85, 10.715,
255.942


 85, 10.715,
255.942


 100, 10.715,
255.942


 75, 10.715,
255.942

 65, 10.715,
255.942

 55, 10.715,
255.942

 45, 10.715,
255.942

 35, 10.715,
255.942

 25, 10.715,
255.942

 15, 10.715,

255.942

■ 5, 10.715, 255.942

■ 0, 10.715, 255.942

■ 85, 10.715,
255.942

■ 85, 10.715,
255.942

■ 81, 17.675,
257.605

■ 90, 3.648, 254.592

■ 76, 24.499,
259.614

■ 94, 3.492, 73.159

■ 72, 31.162,
262.019

■ 98, 8.835, 93.655

■ 99, 11.854,
109.281

■ 68, 37.657,
264.881

■ 63, 44.003,

268.248

■ 60, 50.261,
272.129

■ 56, 56.529,
276.466

■ 52, 62.931,
281.104

■ 51, 66.159,
283.336

Harmonies

Complementary

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



85, 10.715, 255.942



86, 11.176, 71.979

Rectangle

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



85, 10.715, 255.942



85, 10.715, 305.942



85, 10.715, 75.942



85, 10.715, 125.942

Sweetspot

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



85, 10.714, 255.933



98, 3.861, 254.584



89, 15.678, 161.503



52, 2.632, 254.661



0, 0.000, 0.000



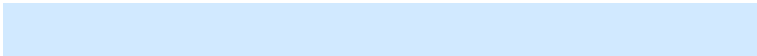
53, 0.007, 296.813

Same Dimension

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



85, 10.714, 255.933



91, 13.773, 256.399



81, 18.325, 291.174



46, 4.013, 255.125



39, 53.552, 282.494



9, 19.297, 273.676

Inverse Universe

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



83, 15.936, 344.143



88, 20.587, 344.426



91, 17.721, 108.024



45, 5.910, 343.622



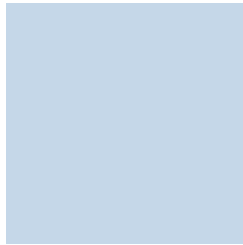
38, 65.032, 0.525



7, 27.759, 353.849

Previews

White Background



This preview shows how the CIELCh color 85, 10.715, 255.942 looks on a white background.

Color Contrast Check

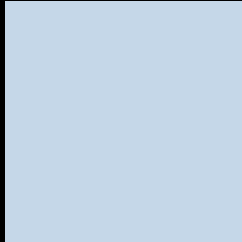
Large Text (above 18pt) WCAG AA × Fail

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, 10.715, 255.942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

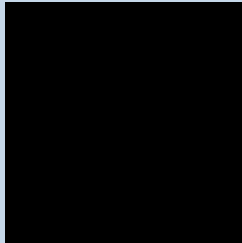
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

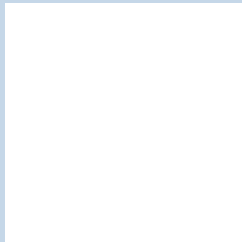
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 10.715, 255.942

Background



This preview shows how black text looks on a background with the CIELCh color 85, 10.715, 255.942.



This preview shows how white text looks on a background with the CIELCh color 85, 10.715, 255.942.

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](#).

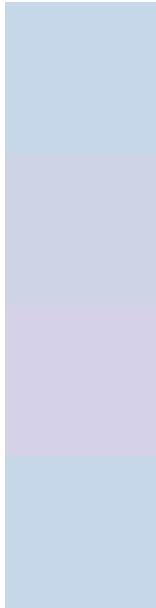
Dichromacy





Tritanopia
85, 10.715, 255.942

Trichromacy



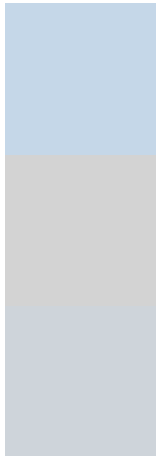
Original Color
85, 10.715, 255.942

Protanomaly
85, 9.657, 278.563

Deuteranomaly
85, 12.225, 297.735

Tritanomaly
85, 10.715, 255.942

Monochromacy



Original Color
85, 10.715, 255.942

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.782, 256.214

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 10.715, 255.942 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(197, 215, 232)` looks like.

```
.text, #text, p{  
    color:rgb(197, 215, 232)  
}
```

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(197, 215, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 215, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 10.715, 255.942 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(197, 215, 232) }
```

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

```
.border{ border-color:rgb(197, 215, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 215, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 215, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 215, 232);  
box-shadow:4px 4px 4px 4px rgb(197, 215,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 10.715, 255.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 215, 232) }
```

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

```
.background{ background-color: rgb(197,  
215, 232) }
```

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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