

Converting Colors

CIELCh(85, 14.667, 255.217)

Have a look what the booklet for
CIELCh(85, 14.667, 255.217)
contains.

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Color

CIELCh(85, 14.659, 254.945)

Conversions

Conversions Part 1

Format	Color
Hex	BED8EF
RGB	190, 216, 239
RGB Percent	75%, 85%, 94%
CMY	0.2565, 0.1545, 0.0644
CMYK	0.21, 0.10, 0.00, 0.06
HSL	208°, 60%, 84%
HSV	208°, 21%, 94%
XYZ	61.1059, 66.0070, 90.8611
YIQ	210.8480, -22.8790, 1.6410

Conversions

Conversions Part 2

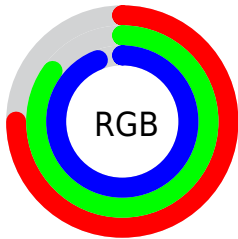
Format	Color
R _Y B	190, 207, 239
Decimal	12507375
CIE Lab	85.00, -3.81, -14.16
CIE LCh	85, 14.659, 254.945
Yxy	66.0070, 0.2803, 0.3028
Android (android.graphics.Color)	4290697455 (0xFFBED8EF)
YUV	210.8480, 13.8789, -18.2837
Hunter-Lab	81.2447, -7.9245, -9.4365

Details

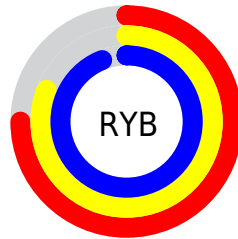
The CIELCh color `85, 14.659, 254.945` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `87, 15.648, 69.553`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 2.770, 199.469`, and `65, 14.699, 255.621` is the 20% darker color. If you saturate the color by 10%, you get `81, 21.583, 256.772`, and if you desaturate by 10%, it is `90, 7.582, 253.429`.

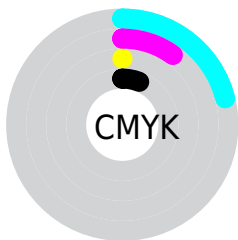
Distribution



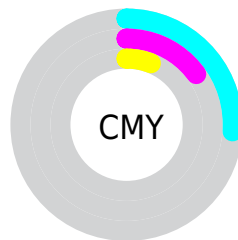
- Red (75%)
- Green (85%)
- Blue (94%)



- Red (75%)
- Yellow (81%)
- Blue (94%)



- Cyan (21%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)





- Cyan (26%)
- Magenta (15%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 14.659, 254.945 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, 14.659, 254.945 by changing the saturation by 10% instead.


 85, 14.659,
254.945


 85, 14.659,
254.945


 100, 14.659,
254.945


 75, 14.659,
254.945

 65, 14.659,
254.945

 55, 14.659,
254.945

 45, 14.659,
254.945

 35, 14.659,
254.945

 25, 14.659,
254.945

 15, 14.659,

254.945

■ 5, 14.659, 254.945

■ 0, 14.659, 254.945

■ 85, 14.659,
254.945

■ 85, 14.659,
254.945

■ 81, 21.583,
256.772

■ 90, 7.582, 253.429

■ 76, 28.323,
258.977

■ 94, 0.393, 253.220

■ 72, 34.857,
261.621

■ 98, 5.756, 88.570

■ 100, 8.308,
109.546

■ 68, 41.187,
264.762

■ 64, 47.350,

268.437

■ 60, 53.433,
272.627

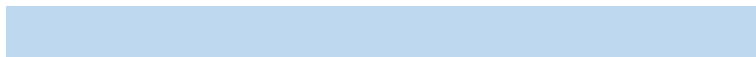
■ 56, 59.561,
277.229

■ 53, 65.544,
281.704

Harmonies

Complementary

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



85, 14.659, 254.945



87, 15.648, 69.553

Rectangle

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



85, 14.659, 254.945



85, 14.659, 304.945



85, 14.659, 74.945



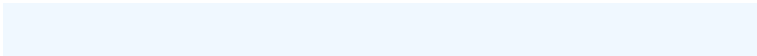
85, 14.659, 124.945

Sweetspot

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



85, 14.658, 254.939



97, 4.576, 252.863



90, 22.081, 160.131



51, 3.034, 252.939



0, 0.000, 0.000



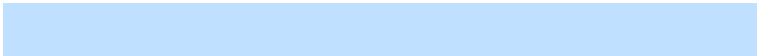
53, 0.007, 296.813

Same Dimension

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



85, 14.658, 254.939



88, 18.756, 255.732



79, 25.341, 291.218



48, 4.110, 253.289



41, 53.009, 280.862



11, 20.257, 272.887

Inverse Universe

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



82, 22.532, 343.784



84, 29.039, 344.234



93, 24.234, 106.763



47, 6.193, 342.764



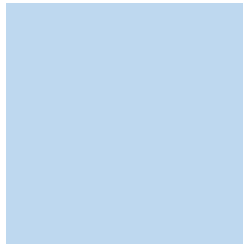
40, 66.642, 359.093



8, 29.757, 353.236

Previews

White Background



This preview shows how the CIE LCh color 85, 14.659, 254.945 looks on a white background.

Color Contrast Check

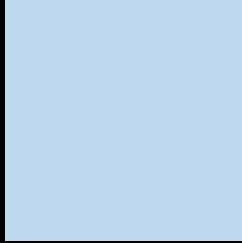
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 85, 14.659, 254.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

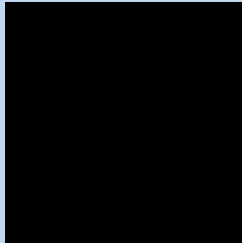
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

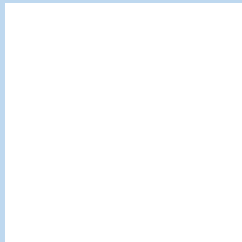
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 14.659, 254.945

Background



This preview shows how black text looks on a background with the CIELCh color 85, 14.659, 254.945.



This preview shows how white text looks on a background with the CIELCh color 85, 14.659, 254.945.

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





Tritanopia
85, 12.924, 246.311

Trichromacy



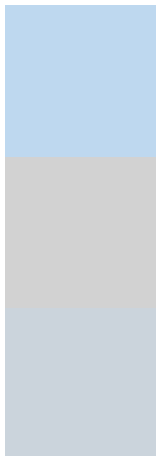
Original Color
85, 14.659, 254.945

Protanomaly
85, 13.006, 276.078

Deuteranomaly
85, 15.811, 290.287

Tritanomaly
85, 13.663, 249.602

Monochromacy



Original Color
85, 14.659, 254.945

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 5.226, 253.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 14.659, 254.945 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(190, 216, 239)` looks like.

```
.text, #text, p{  
    color:rgb(190, 216, 239)  
}
```

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(190, 216, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 216, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 14.659, 254.945 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(190, 216, 239) }
```

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

```
.border{ border-color:rgb(190, 216, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 216, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 216, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 216, 239);  
box-shadow:4px 4px 4px 4px rgb(190, 216,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 14.659, 254.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 216, 239) }
```

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

```
.background{ background-color: rgb(190,  
216, 239) }
```

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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