

Converting Colors

CIELCh(85, 18.987, 260.996)

Have a look what the booklet for
CIELCh(85, 18.987, 260.996)
contains.

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Color

CIELCh(85, 18.714, 260.059)

Conversions

Conversions Part 1

Format	Color
Hex	BAD8F7
RGB	186, 216, 247
RGB Percent	73%, 85%, 97%
CMY	0.2720, 0.1544, 0.0329
CMYK	0.25, 0.13, 0.00, 0.03
HSL	210°, 78%, 85%
HSV	210°, 25%, 97%
XYZ	61.3513, 66.0070, 97.1947
YIQ	210.5640, -27.8310, 3.2810

Conversions

Conversions Part 2

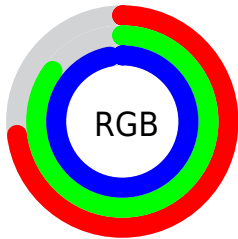
Format	Color
RYB	186, 206, 247
Decimal	12245239
CIELab	85.00, -3.23, -18.43
CIELCh	85, 18.714, 260.059
Yxy	66.0070, 0.2732, 0.2939
Android (android.graphics.Color)	4290435319 (0xFFBAD8F7)
YUV	210.5640, 17.9629, -21.5426
Hunter-Lab	81.2447, -7.3853, -14.0585

Details

The CIELCh color `85, 18.714, 260.059` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `88, 19.950, 73.170`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 4.141, 199.303`, and `65, 18.937, 261.201` is the 20% darker color. If you saturate the color by 10%, you get `80, 26.117, 262.078`, and if you desaturate by 10%, it is `90, 11.203, 258.365`.

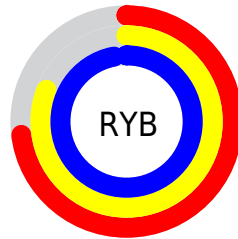
Distribution



Red (73%)

Green (85%)

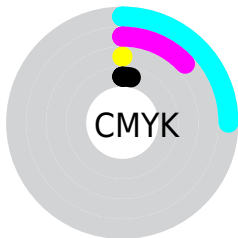
Blue (97%)



Red (73%)

Yellow (81%)

Blue (97%)

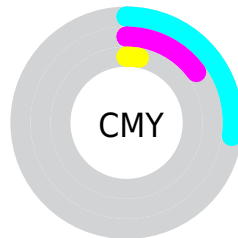


Cyan (25%)

Magenta (13%)

Yellow (0%)

Black (3%)



Cyan (27%)

Magenta (15%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 18.714, 260.059 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, 18.714, 260.059 by changing the saturation by 10% instead.

■ 85, 18.714,
260.059

■ 85, 18.714,
260.059

■ 100, 18.714,
260.059

■ 75, 18.714,
260.059

■ 65, 18.714,
260.059

■ 55, 18.714,
260.059

■ 45, 18.714,
260.059

■ 35, 18.714,
260.059

■ 25, 18.714,
260.059

■ 15, 18.714,

260.059

■ 5, 18.714, 260.059

■ 0, 18.714, 260.059

■ 85, 18.714,
260.059

■ 85, 18.714,
260.059

■ 80, 26.117,
262.078

■ 90, 11.203,
258.365

■ 75, 33.396,
264.491

■ 95, 3.615, 257.007

■ 99, 3.395, 99.262

■ 71, 40.548,
267.352

■ 100, 4.238,
109.843

■ 66, 47.598,
270.703

■ 62, 54.612,

274.548

■ 58, 61.689,
278.821

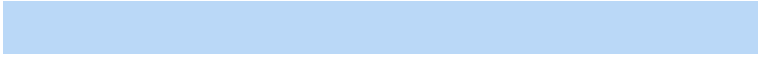
■ 54, 68.942,
283.363

■ 52, 72.877,
285.720

Harmonies

Complementary

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



85, 18.714, 260.059



88, 19.950, 73.170

Rectangle

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



85, 18.714, 260.059



85, 18.714, 310.059



85, 18.714, 80.059



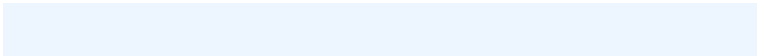
85, 18.714, 130.059

Sweetspot

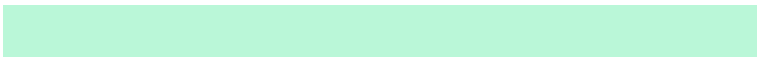
The Sweet Spot groups the original color and five complimentary colors.



85, 18.713, 260.055



96, 5.491, 257.277



92, 26.580, 161.407



51, 3.567, 257.354



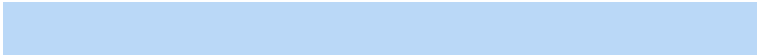
0, 0.000, 0.000



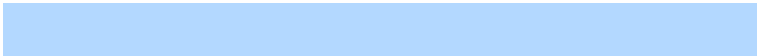
53, 0.007, 296.813

Same Dimension

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



85, 18.713, 260.055



85, 23.252, 261.088



77, 32.774, 293.116



49, 4.308, 257.602



40, 57.973, 284.883



10, 22.490, 277.661

Inverse Universe

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



82, 27.281, 346.356



81, 34.097, 346.943



96, 30.898, 107.767



48, 6.139, 344.849



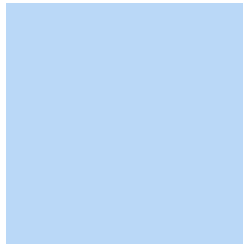
40, 66.818, 2.797



9, 30.183, 356.535

Previews

White Background



This preview shows how the CIELCh color 85, 18.714, 260.059 looks on a white background.

Color Contrast Check

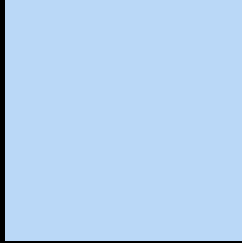
Large Text (above 18pt) WCAG AA × Fail

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, 18.714, 260.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

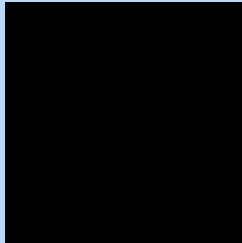
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

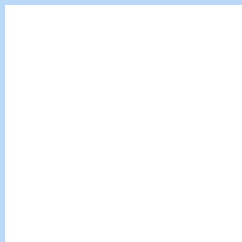
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 18.714, 260.059

Background



This preview shows how black text looks on a background with the CIELCh color 85, 18.714, 260.059.



This preview shows how white text looks on a background with the CIELCh color 85, 18.714, 260.059.

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](#).

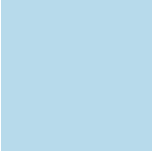
Dichromacy



Original Color
85, 18.714, 260.059

Protanopia
85, 17.404, 287.208

Deuteranopia
85, 21.833, 299.072



Tritanopia
85, 14.456, 237.178

Trichromacy



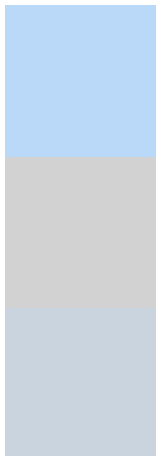
Original Color
85, 18.714, 260.059

Protanomaly
85, 17.279, 277.074

Deuteranomaly
85, 19.543, 285.953

Tritanomaly
85, 15.635, 246.892

Monochromacy



Original Color
85, 18.714, 260.059

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 6.886, 256.767

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 18.714, 260.059 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(186, 216, 247)` looks like.

```
.text, #text, p{  
    color:rgb(186, 216, 247)  
}
```

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(186, 216, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 216, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 18.714, 260.059 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(186, 216, 247) }
```

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

```
.border{ border-color:rgb(186, 216, 247) }
```

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

Here you see how a box with a 4 pixel rgb(186, 216, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 216, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 216, 247);  
box-shadow:4px 4px 4px 4px rgb(186, 216,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 18.714, 260.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 216, 247) }
```

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

```
.background{ background-color: rgb(186,  
216, 247) }
```

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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