

Converting Colors

CIELCh(84, 19.472, 236.882)

Have a look what the booklet for
CIELCh(84, 19.472, 236.882)
contains.

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Color

CIELCh(84, 19.502, 237.254)

Conversions

Conversions Part 1

Format	Color
Hex	A8D9F0
RGB	168, 217, 240
RGB Percent	66%, 85%, 94%
CMY	0.3422, 0.1500, 0.0598
CMYK	0.30, 0.10, 0.00, 0.06
HSL	199°, 70%, 80%
HSV	199°, 30%, 94%
XYZ	56.5303, 64.0658, 91.6199
YIQ	204.9710, -36.5870, -3.2350

Conversions

Conversions Part 2

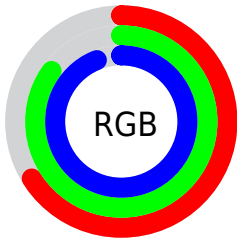
Format	Color
R _Y B	168, 197, 240
Decimal	11065840
CIE Lab	84.00, -10.55, -16.40
CIE LCh	84, 19.502, 237.254
Yxy	64.0658, 0.2664, 0.3019
Android (android.graphics.Color)	4289255920 (0xFFA8D9F0)
YUV	204.9710, 17.2693, -32.4236
Hunter-Lab	80.0411, -14.0033, -11.8382

Details

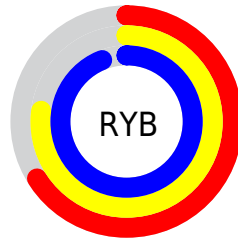
The CIELCh color **84, 19.502, 237.254** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **81, 23.232, 51.893**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.172, 198.828**, and **64, 19.463, 237.732** is the 20% darker color. If you saturate the color by 10%, you get **81, 25.214, 238.935**, and if you desaturate by 10%, it is **87, 13.347, 235.919**.

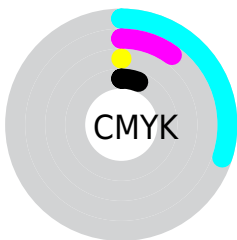
Distribution



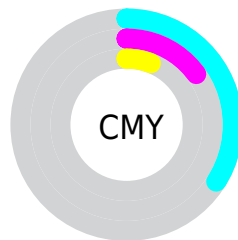
- Red (66%)
- Green (85%)
- Blue (94%)



- Red (66%)
- Yellow (77%)
- Blue (94%)



- Cyan (30%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (34%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 19.502, 237.254 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 84, 19.502, 237.254 by changing the saturation by 10% instead.

■ 84, 19.502,
237.254

■ 84, 19.502,
237.254

■ 100, 19.502,
237.254

■ 74, 19.502,
237.254

■ 64, 19.502,
237.254

■ 54, 19.502,
237.254

■ 44, 19.502,
237.254

■ 34, 19.502,
237.254

■ 24, 19.502,
237.254

■ 14, 19.502,

237.254

■ 4, 19.502, 237.254

■ 0, 19.502, 237.254

■ 84, 19.502,
237.254

■ 84, 19.502,
237.254

■ 81, 25.214,
238.935

■ 87, 13.347,
235.919

■ 77, 30.414,
241.054

■ 91, 6.830, 234.894

■ 74, 35.048,
243.698

■ 95, 0.026, 256.207

■ 98, 4.724, 74.630

■ 71, 39.102,
246.955

■ 100, 7.725,
109.590

■ 69, 42.625,

250.888

■ 66, 45.743,
255.498

■ 64, 48.693,
260.570

Harmonies

Complementary

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



84, 19.502, 237.254



81, 23.232, 51.893

Rectangle

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



84, 19.502, 237.254



84, 19.502, 287.254



84, 19.502, 57.254



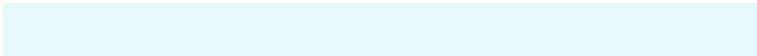
84, 19.502, 107.254

Sweetspot

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



84, 19.501, 237.250



97, 6.458, 234.809



89, 36.282, 152.486



51, 4.474, 234.934



0, 0.000, 0.000



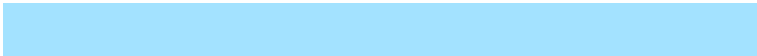
53, 0.007, 296.813

Same Dimension

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



84, 19.501, 237.250



87, 24.141, 238.230



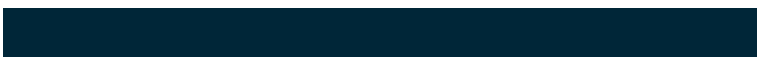
75, 31.934, 285.620



48, 3.874, 234.846



50, 39.495, 259.620



14, 16.095, 251.291

Inverse Universe

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



77, 36.659, 337.323



78, 46.087, 337.845



90, 30.698, 97.905



47, 6.881, 335.710



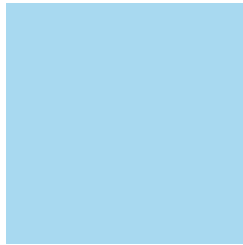
41, 71.267, 346.328



9, 32.006, 343.074

Previews

White Background



This preview shows how the CIELCh color 84, 19.502, 237.254 looks on a white background.

Color Contrast Check

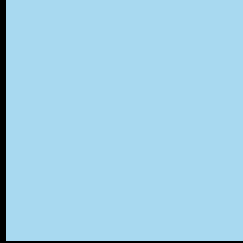
Large Text (above 18pt) WCAG AA × Fail

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 84, 19.502, 237.254 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 84, 19.502, 237.254

Background



This preview shows how black text looks on a background with the CIELCh color 84, 19.502, 237.254.

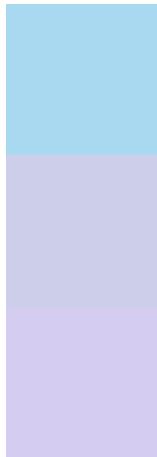


This preview shows how white text looks on a background with the CIELCh color 84, 19.502, 237.254.

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

84, 19.502, 237.254

Protanopia

84, 14.264, 288.648

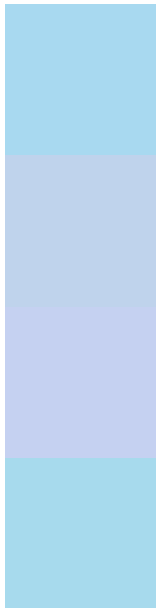
Deuteranopia

84, 20.375, 300.509



Tritanopia
84, 18.531, 227.534

Trichromacy



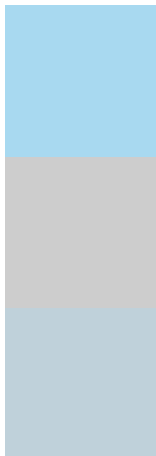
Original Color
84, 19.502, 237.254

Protanomaly
84, 14.624, 263.988

Deuteranomaly
84, 17.253, 278.172

Tritanomaly
84, 18.959, 230.548

Monochromacy



Original Color
84, 19.502, 237.254

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 7.784, 236.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 19.502, 237.254 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(168, 217, 240)` looks like.

```
.text, #text, p{  
    color:rgb(168, 217, 240)  
}
```

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(168, 217, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 217, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 19.502, 237.254 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(168, 217, 240) }
```

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

```
.border{ border-color:rgb(168, 217, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 217, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 217, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 217, 240);  
box-shadow:4px 4px 4px 4px rgb(168, 217,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 19.502, 237.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 217, 240) }
```

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

```
.background{ background-color: rgb(168,  
217, 240) }
```

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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