Converting Colors

CIELCh(84, 24.558, 241.969)

Have a look what the booklet for CIELCh(84, 24.558, 241.969) contains.

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Color

CIELCh(84, 24.685, 241.914)

Conversions

Conversions Part 1

Format	Color
Hex	9DDAFA
RGB	157, 218, 250
RGB Percent	62%, 85%, 98%
CMY	0.3851, 0.1459, 0.0205
CMYK	0.37, 0.13, 0.00, 0.02
HSL	201°, 90%, 80%
HSV	201°, 37%, 98%
XYZ	56.0988, 64.0658, 99.6698
YIQ	203.4090, -46.6280, -2.9800

Conversions

Conversions Part 2

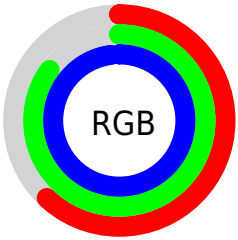
Format	Color
RYB	157, 194, 250
Decimal	10345210
CIELab	84.00, -11.62, -21.78
CIELCh	84, 24.685, 241.914
Yxy	64.0658, 0.2552, 0.2914
Android (android.graphics.Color)	4288535290 (0xFF9DDAFA)
YUV	203.4090, 22.9694, -40.7007
Hunter-Lab	80.0411, -14.9657, -17.8011

Details

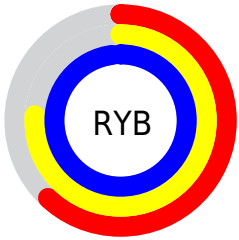
The CIELCh color 84, 24.685, 241.914 is a light color, and the websafe version is hex 99CCFF. A complement of this color would be 81, 30.482, 54.132, and the grayscale version is 82, 0.010, 296.813.

A 20% lighter version of the original color is 97, 13.731, 198.590, and 64, 24.646, 241.357 is the 20% darker color. If you saturate the color by 10%, you get 80, 30.365, 244.046, and if you desaturate by 10%, it is 88, 18.538, 240.201.

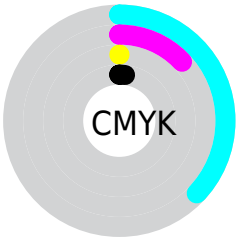
Distribution



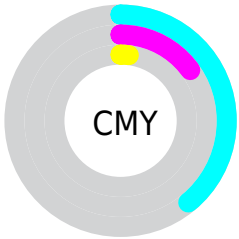
- Red (62%)
- Green (85%)
- Blue (98%)



- Red (62%)
- Yellow (76%)
- Blue (98%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (39%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 24.685, 241.914 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, 24.685, 241.914 by changing the saturation by 10% instead.

84, 24.685, 241.914

100, 24.685, 241.914

84, 24.685, 241.914

74, 24.685, 241.914

64, 24.685, 241.914

54, 24.685, 241.914

44, 24.685, 241.914

34, 24.685, 241.914

24, 24.685, 241.914

14, 24.685,

241.914

4, 24.685, 241.914

0, 24.685, 241.914

84, 24.685, 241.914

80, 30.365, 244.046

77, 35.527, 246.691

74, 40.154, 249.933

71, 44.288, 253.833

68, 48.045,

84, 24.685, 241.914

88, 18.538, 240.201

91, 11.996, 238.839

95, 5.131, 237.796

99, 1.552, 69.976

100, 2.636, 109.952

258.395

65, 51.623, 263.502

64, 52.640, 264.919

Harmonies

Complementary

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

84, 24.685, 241.914

81, 30.482, 54.132

Rectangle

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

84, 24.685, 241.914

84, 24.685, 291.914

84, 24.685, 61.914

84, 24.685, 111.914

Sweetspot

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

84, 24.684, 241.911

96, 7.884, 238.149

91, 45.702, 152.370

50, 5.284, 238.289

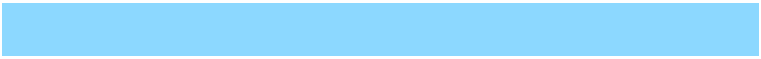
0, 0.000, 0.000

53, 0.007, 296.813

Same Dimension

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

84, 24.684, 241.911



83, 29.630, 243.540

72, 42.283, 287.865

50, 4.019, 238.000

50, 42.171, 263.950

15, 17.699, 256.328

Inverse Universe

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

76, 46.070, 339.093

73, 56.139, 339.852

92, 39.929, 98.046

49, 6.996, 336.771

42, 71.667, 348.298

10, 33.280, 344.968

Previews

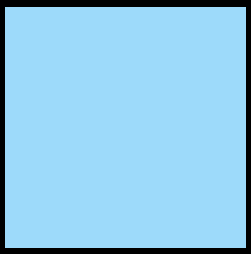
White Background

This preview shows how the CIELCh color 84, 24.685, 241.914 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



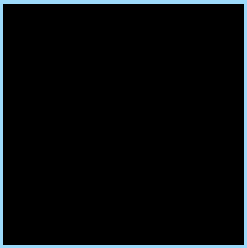
This preview shows how the CIELCh color 84, 24.685, 241.914 looks on a black background.

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, 24.685, 241.914 Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.685, 241.914.

This preview shows how white text looks on a background with the CIELCh color 84, 24.685, 241.914.

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, 24.685, 241.914

Protanopia
84, 19.047, 286.757

Deuteranopia
84, 25.945, 294.551

Tritanopia
84, 22.508, 223.276

Trichromacy

Original Color
84, 24.685, 241.914

Protanomaly
84, 19.462, 266.894

Deuteranomaly
84, 23.396, 276.094

Tritanomaly
84, 22.960, 230.389

Monochromacy

Original Color
84, 24.685, 241.914

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 9.765, 239.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 24.685, 241.914 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(157, 218, 250) looks like.

```
.text, #text, p{
    color:rgb(157, 218, 250)
}
```

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(157, 218, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 218, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.685, 241.914 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(157, 218, 250) }
```

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

```
.border{ border-color:rgb(157, 218, 250) }
```

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

Here you see how a box with a 4 pixel rgb(157, 218, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 218, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 218, 250); box-shadow:4px 4px 4px 4px rgb(157, 218, 250) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.685, 241.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(157, 218, 250) }
```

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

```
.background{ background-color:rgb(157,
218, 250) }
```

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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