

Converting Colors

CIELCh(77, 32.742, 266.504)

Have a look what the booklet for
CIELCh(77, 32.742, 266.504)
contains.

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Color

CIELCh(77, 32.742, 266.493)

Conversions

Conversions Part 1

Format	Color
Hex	91C2FA
RGB	145, 194, 250
RGB Percent	57%, 76%, 98%
CMY	0.4312, 0.2390, 0.0194
CMYK	0.42, 0.22, 0.00, 0.02
HSL	212°, 91%, 77%
HSV	212°, 42%, 98%
XYZ	48.2489, 51.5317, 97.8846
YIQ	185.7330, -47.1800, 7.0280

Conversions

Conversions Part 2

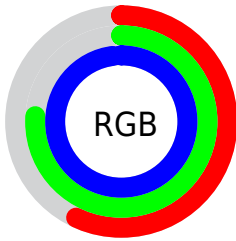
Format	Color
RYB	145, 178, 250
Decimal	9552634
CIELab	77.00, -2.00, -32.68
CIELCh	77, 32.742, 266.493
Yxy	51.5317, 0.2441, 0.2607
Android (android.graphics.Color)	4287742714 (0xFF91C2FA)
YUV	185.7330, 31.6836, -35.7228
Hunter-Lab	71.7856, -5.6506, -30.5960

Details

The CIELCh color $77, 32.742, 266.493$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $84, 36.035, 73.457$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 15.963, 207.772$, and $57, 32.413, 265.955$ is the 20% darker color. If you saturate the color by 10%, you get $72, 40.361, 269.219$, and if you desaturate by 10%, it is $82, 25.045, 264.187$.

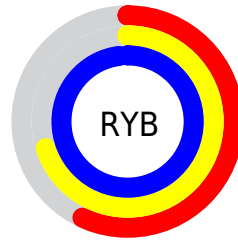
Distribution



Red (57%)

Green (76%)

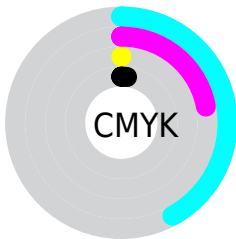
Blue (98%)



Red (57%)

Yellow (70%)

Blue (98%)

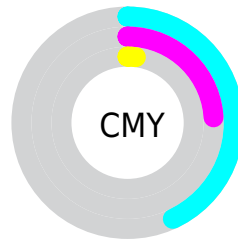


Cyan (42%)

Magenta (22%)

Yellow (0%)

Black (2%)



Cyan (43%)

Magenta (24%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 32.742, 266.493 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 77, 32.742, 266.493 by changing the saturation by 10% instead.


 77, 32.742,
266.493


 77, 32.742,
266.493


 100, 32.742,
266.493


 67, 32.742,
266.493


 97, 32.742,
266.493

 57, 32.742,
266.493

 47, 32.742,
266.493

 37, 32.742,
266.493

 27, 32.742,
266.493

 17, 32.742,
266.493

 7, 32.742, 266.493

0, 32.742, 266.493

77, 32.742,
266.493

77, 32.742,
266.493

72, 40.361,
269.219

82, 25.045,
264.187

67, 47.928,
272.410

87, 17.273,
262.248

63, 55.500,
276.077

92, 9.444, 260.625

97, 1.578, 259.447

58, 63.165,
280.167

100, 2.500,
109.960

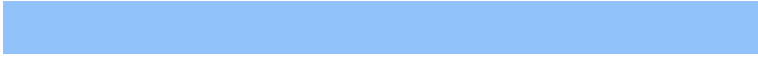
54, 71.017,
284.542

51, 77.491,
288.037

Harmonies

Complementary

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



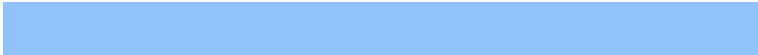
77, 32.742, 266.493



84, 36.035, 73.457

Rectangle

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



77, 32.742, 266.493



77, 32.742, 316.493



77, 32.742, 86.493



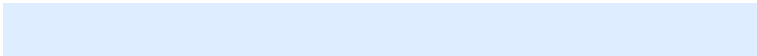
77, 32.742, 136.493

Sweetspot

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



77, 32.741, 266.492



93, 10.399, 260.777



91, 43.610, 161.164



49, 7.273, 261.117



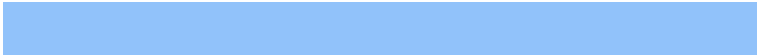
0, 0.000, 0.000



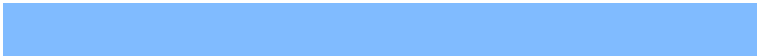
53, 0.007, 296.813

Same Dimension

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



77, 32.741, 266.492



74, 39.470, 268.654



65, 58.424, 296.930



49, 4.477, 260.267



39, 61.609, 287.241



11, 24.366, 280.617

Inverse Universe

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



73, 46.274, 349.974



70, 55.537, 351.206



96, 52.274, 107.650



49, 6.141, 346.266



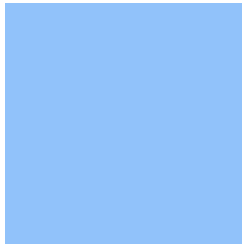
40, 67.343, 5.272



10, 30.791, 358.886

Previews

White Background



This preview shows how the CIELCh color 77, 32.742, 266.493 looks on a white background.

Color Contrast Check

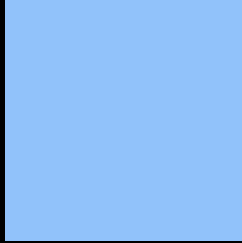
Large Text (above 18pt) WCAG AA × Fail

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 77, 32.742, 266.493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

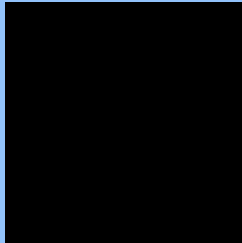
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

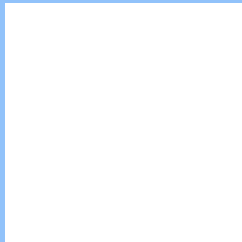
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 32.742, 266.493

Background



This preview shows how black text looks on a background with the CIELCh color 77, 32.742, 266.493.



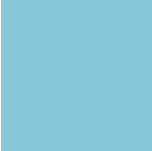
This preview shows how white text looks on a background with the CIELCh color 77, 32.742, 266.493.

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](#).

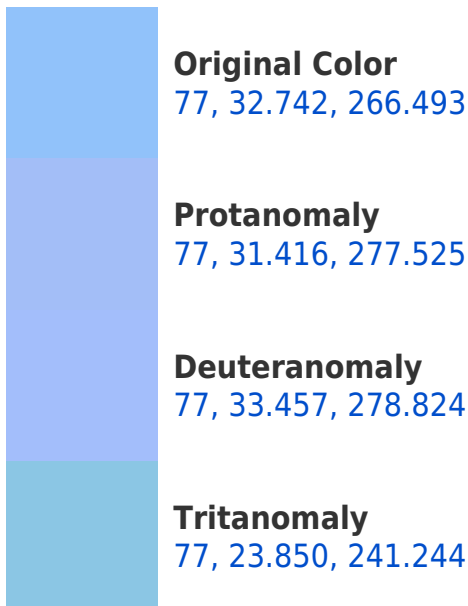
Dichromacy





Tritanopia
77, 21.806, 221.454

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 32.742, 266.493 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(145, 194, 250)` looks like.

```
.text, #text, p{  
    color:rgb(145, 194, 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(145, 194, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 194, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 32.742, 266.493 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(145, 194, 250) }
```

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

```
.border{ border-color:rgb(145, 194, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 194, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 194, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 194, 250);  
box-shadow:4px 4px 4px 4px rgb(145, 194,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 32.742, 266.493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 194, 250) }
```

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

```
.background{ background-color: rgb(145,  
194, 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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