

Converting Colors

CIELCh(77, 35.684, 266.558)

Have a look what the booklet for
CIELCh(77, 35.684, 266.558)
contains.

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Color

CIELCh(77, 35.646, 266.625)

Conversions

Conversions Part 1

Format	Color
Hex	8BC2FF
RGB	139, 194, 255
RGB Percent	55%, 76%, 100%
CMY	0.4533, 0.2376, 0.0000
CMYK	0.45, 0.24, 0.00, 0.00
HSL	211°, 100%, 77%
HSV	211°, 45%, 100%
XYZ	48.2142, 51.5317, 102.3685
YIQ	184.5090, -52.3610, 7.3110

Conversions

Conversions Part 2

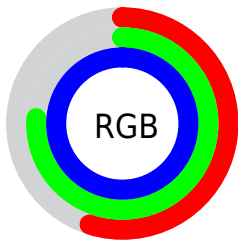
Format	Color
RYB	139, 176, 255
Decimal	9159423
CIELab	77.00, -2.10, -35.58
CIELCh	77, 35.646, 266.625
Yxy	51.5317, 0.2385, 0.2550
Android (android.graphics.Color)	4287349503 (0xFF8BC2FF)
YUV	184.5090, 34.7521, -39.9114
Hunter-Lab	71.7856, -5.7369, -34.2994

Details

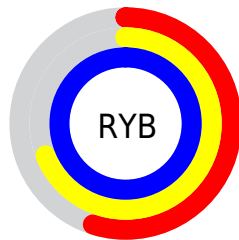
The CIELCh color $77, 35.646, 266.625$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $84, 39.636, 72.110$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 17.475, 206.871$, and $57, 35.494, 266.154$ is the 20% darker color. If you saturate the color by 10%, you get $72, 43.034, 269.307$, and if you desaturate by 10%, it is $82, 27.777, 263.971$.

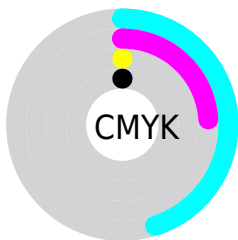
Distribution



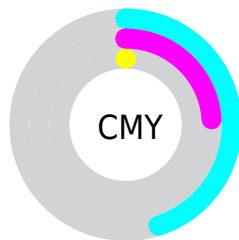
- Red (55%)
- Green (76%)
- Blue (100%)



- Red (55%)
- Yellow (69%)
- Blue (100%)



- Cyan (45%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (45%)
- Magenta (24%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 35.646, 266.625 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, 35.646, 266.625 by changing the saturation by 10% instead.


 77, 35.646,
266.625

 77, 35.646,
266.625


 100, 35.646,
266.625


 67, 35.646,
266.625


 97, 35.646,
266.625

 57, 35.646,
266.625

 47, 35.646,
266.625

 37, 35.646,
266.625

 27, 35.646,
266.625

 17, 35.646,
266.625

 7, 35.646, 266.625

■ 0, 35.646, 266.625

■ 77, 35.646,
266.625

■ 77, 35.646,
266.625

■ 72, 43.034,
269.307

■ 82, 27.777,
263.971

■ 67, 50.555,
272.678

■ 87, 20.005,
261.914

■ 63, 58.086,
276.526

■ 92, 12.151,
260.191

■ 59, 65.728,
280.773

■ 97, 4.238, 258.789

■ 55, 73.578,
285.248

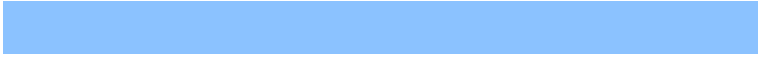
100, 0.012,
296.813

■ 53, 77.344,
287.291

Harmonies

Complementary

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



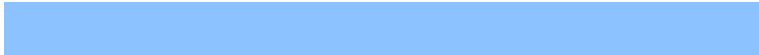
77, 35.646, 266.625



84, 39.636, 72.110

Rectangle

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



77, 35.646, 266.625



77, 35.646, 316.625



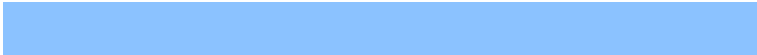
77, 35.646, 86.625



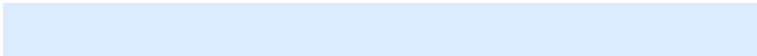
77, 35.646, 136.625

Sweetspot

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



77, 35.452, 266.417



93, 11.104, 259.986



92, 48.222, 159.821



48, 7.660, 260.323



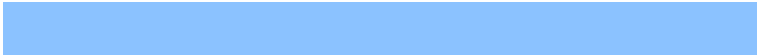
0, 0.000, 0.000



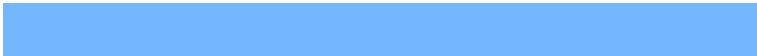
53, 0.007, 296.813

Same Dimension

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



77, 35.452, 266.417



73, 42.032, 268.896



63, 64.534, 297.086



50, 4.516, 259.329



40, 61.195, 286.479



11, 24.797, 280.121

Inverse Universe

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



72, 50.856, 349.903



68, 59.817, 351.299



98, 57.046, 106.587



50, 6.281, 345.755



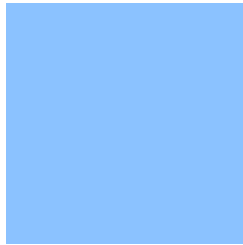
41, 68.055, 4.446



10, 31.661, 358.472

Previews

White Background



This preview shows how the CIELCh color 77, 35.646, 266.625 looks on a white background.

Color Contrast Check

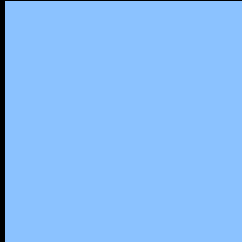
Large Text (above 18pt) WCAG AA × Fail

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, 35.646, 266.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

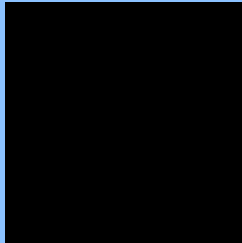
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

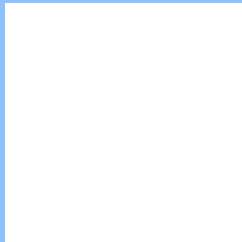
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 35.646, 266.625

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.646, 266.625.



This preview shows how white text looks on a background with the CIELCh color 77, 35.646, 266.625.

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, 24.028, 219.028

Trichromacy



Original Color
77, 35.646, 266.625

Protanomaly
77, 33.646, 277.385

Deuteranomaly
77, 35.741, 278.203

Tritanomaly
77, 25.993, 240.026

Monochromacy



Original Color
77, 35.646, 266.625

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 13.517, 260.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.646, 266.625 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(139, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(139, 194, 255)  
}
```

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(139, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 194, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.646, 266.625 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(139, 194, 255) }
```

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

```
.border{ border-color:rgb(139, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(139, 194,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.646, 266.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 194, 255) }
```

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

```
.background{ background-color: rgb(139,  
194, 255) }
```

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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