

Converting Colors

CIELCh(74, 41.132, 255.096)

Have a look what the booklet for
CIELCh(74, 41.132, 255.096)
contains.

CIELCh(74, 41.060, 255.219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 41.060, 255.219)

Conversions

Conversions Part 1

Format	Color
Hex	5BBFFE
RGB	91, 191, 254
RGB Percent	36%, 75%, 100%
CMY	0.6426, 0.2505, 0.0035
CMYK	0.64, 0.25, 0.00, 0.00
HSL	203°, 99%, 68%
HSV	203°, 64%, 100%
XYZ	40.8908, 46.7039, 100.7232
YIQ	168.2820, -79.8230, -1.6070

Conversions

Conversions Part 2

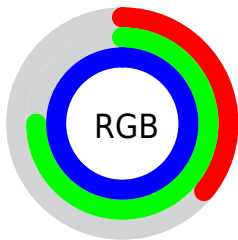
Format	Color
R _{YB}	91, 153, 254
Decimal	6012926
CIE Lab	74.00, -10.48, -39.70
CIE LCh	74, 41.060, 255.219
Yxy	46.7039, 0.2171, 0.2480
Android (android.graphics.Color)	4284203006 (0xFF5BBFFE)
YUV	168.2820, 42.2590, -67.7763
Hunter-Lab	68.3403, -12.7915, -39.5463

Details

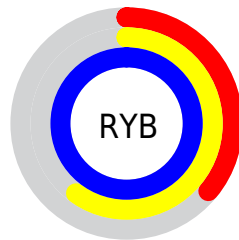
The CIELCh color **74, 41.060, 255.219** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **73, 57.883, 56.528**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 28.303, 206.178**, and **54, 40.374, 256.267** is the 20% darker color. If you saturate the color by 10%, you get **71, 46.045, 259.076**, and if you desaturate by 10%, it is **78, 35.683, 251.983**.

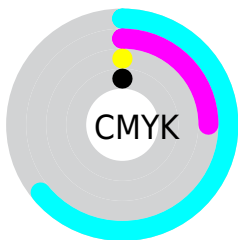
Distribution



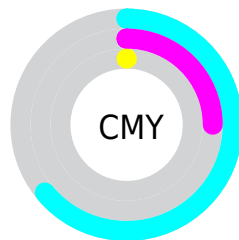
- Red (36%)
- Green (75%)
- Blue (100%)



- Red (36%)
- Yellow (60%)
- Blue (100%)



- Cyan (64%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (25%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 41.060, 255.219 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 74, 41.060, 255.219 by changing the saturation by 10% instead.

 74, 41.060,
255.219


 74, 41.060,
255.219


 100, 41.060,
255.219


 64, 41.060,
255.219


 94, 41.060,
255.219

 54, 41.060,
255.219

 44, 41.060,
255.219

 34, 41.060,
255.219

 24, 41.060,
255.219

 14, 41.060,
255.219

 4, 41.060, 255.219

■ 0, 41.060, 255.219

■ 74, 41.060,
255.219

■ 74, 41.060,
255.219

■ 71, 46.045,
259.076

■ 78, 35.683,
251.983

■ 67, 50.746,
263.549

■ 82, 29.879,
249.313

■ 64, 55.334,
268.534

■ 85, 23.661,
247.132

■ 62, 58.083,
271.537

■ 90, 17.072,
245.361

■ 94, 10.172,
243.931

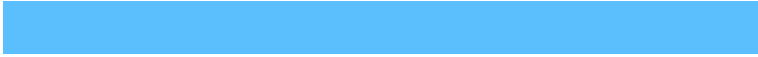
■ 98, 3.021, 242.871

100, 0.436,
109.968

Harmonies

Complementary

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



74, 41.060, 255.219



73, 57.883, 56.528

Rectangle

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



74, 41.060, 255.219



74, 41.060, 305.219



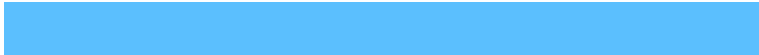
74, 41.060, 75.219



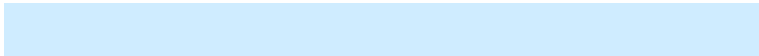
74, 41.060, 125.219

Sweetspot

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



74, 41.059, 255.219



92, 13.604, 244.588



90, 73.245, 150.676



48, 9.316, 245.008



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 41.059, 255.219



70, 47.547, 260.304



52, 82.598, 296.466



51, 4.133, 243.378



48, 46.284, 270.588



15, 19.466, 263.354

Inverse Universe

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



64, 73.736, 344.454



60, 82.775, 346.647



92, 70.354, 97.977



50, 6.902, 338.691



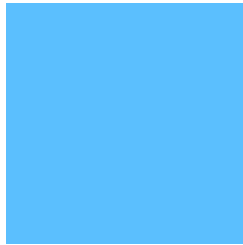
42, 70.792, 351.831



11, 33.369, 348.014

Previews

White Background



This preview shows how the CIELCh color 74, 41.060, 255.219 looks on a white background.

Color Contrast Check

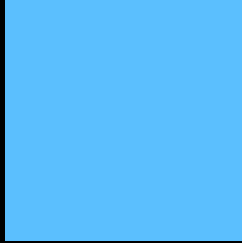
Large Text (above 18pt) WCAG AA × Fail

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 74, 41.060, 255.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

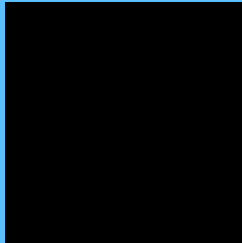
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

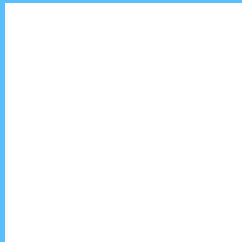
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 41.060, 255.219

Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.060, 255.219.

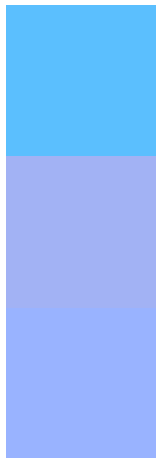


This preview shows how white text looks on a background with the CIELCh color 74, 41.060, 255.219.

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

74, 41.060, 255.219

Protanopia

74, 35.952, 285.627

Deuteranopia

74, 41.558, 283.392



Tritanopia
74, 34.768, 211.651

Trichromacy



Original Color
74, 41.060, 255.219

Protanomaly
73, 37.107, 271.924

Deuteranomaly
73, 40.899, 272.897

Tritanomaly
74, 34.766, 229.873

Monochromacy



Original Color
74, 41.060, 255.219

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 17.060, 246.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 41.060, 255.219 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(91, 191, 254)` looks like.

```
.text, #text, p{  
    color:rgb(91, 191, 254)  
}
```

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(91, 191, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 191, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 41.060, 255.219 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(91, 191, 254) }
```

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

```
.border{ border-color:rgb(91, 191, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 191, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 191, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 191, 254);  
box-shadow:4px 4px 4px 4px rgb(91, 191,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 41.060, 255.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 191, 254) }
```

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

```
.background{ background-color: rgb(91, 191,  
254) }
```

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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