

Converting Colors

CIELCh(76, 26.968, 251.768)

Have a look what the booklet for
CIELCh(76, 26.968, 251.768)
contains.

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Color

CIELCh(76, 26.977, 252.078)

Conversions

Conversions Part 1

Format	Color
Hex	89C2EA
RGB	137, 194, 234
RGB Percent	54%, 76%, 92%
CMY	0.4624, 0.2389, 0.0820
CMYK	0.41, 0.17, 0.00, 0.08
HSL	205°, 70%, 73%
HSV	205°, 41%, 92%
XYZ	44.5004, 49.8872, 85.1856
YIQ	181.5170, -46.8120, 0.3560

Conversions

Conversions Part 2

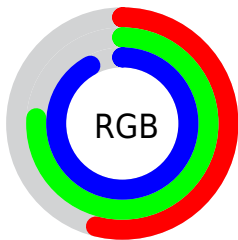
Format	Color
R_{YB}	137, 173, 234
Decimal	9028330
CIE _{Lab}	76.00, -8.30, -25.67
CIE _{LCh}	76, 26.977, 252.078
Yxy	49.8872, 0.2478, 0.2778
Android (android.graphics.Color)	4287218410 (0xFF89C2EA)
YUV	181.5170, 25.8741, -39.0414
Hunter-Lab	70.6309, -11.1417, -22.0660

Details

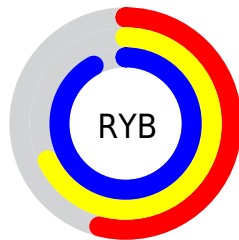
The CIELCh color **76, 26.977, 252.078** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77, 32.564, 61.097**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 18.372, 206.401**, and **56, 27.092, 252.458** is the 20% darker color. If you saturate the color by 10%, you get **72, 32.768, 254.664**, and if you desaturate by 10%, it is **80, 20.861, 249.948**.

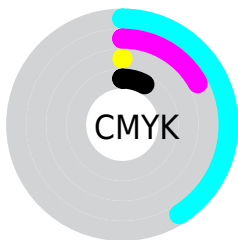
Distribution



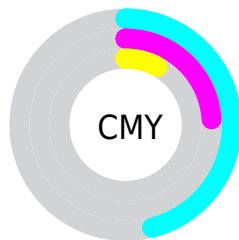
- Red (54%)
- Green (76%)
- Blue (92%)



- Red (54%)
- Yellow (68%)
- Blue (92%)



- Cyan (41%)
- Magenta (17%)
- Yellow (0%)
- Black (8%)





- Cyan (46%)
- Magenta (24%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 26.977, 252.078 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 76, 26.977, 252.078 by changing the saturation by 10% instead.


 76, 26.977,
252.078


 76, 26.977,
252.078


 100, 26.977,
252.078


 66, 26.977,
252.078


 96, 26.977,
252.078

 56, 26.977,
252.078

 46, 26.977,
252.078

 36, 26.977,
252.078

 26, 26.977,
252.078

 16, 26.977,
252.078

 6, 26.977, 252.078

0, 26.977, 252.078

76, 26.977,
252.078

76, 26.977,
252.078

72, 32.768,
254.664

80, 20.861,
249.948

69, 38.223,
257.783

84, 14.462,
248.206

65, 43.370,
261.487

88, 7.825, 246.792

62, 48.290,
265.778

92, 1.001, 246.026

59, 53.125,
270.570

96, 5.963, 64.464

56, 57.351,
274.840

99, 9.143, 102.687

100, 10.589,
109.376

Harmonies

Complementary

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



76, 26.977, 252.078



77, 32.564, 61.097

Rectangle

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



76, 26.977, 252.078



76, 26.977, 302.078



76, 26.977, 72.078



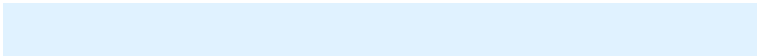
76, 26.977, 122.078

Sweetspot

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



76, 26.976, 252.076



95, 8.792, 246.870



86, 45.578, 154.701



50, 5.821, 247.040



0, 0.000, 0.000



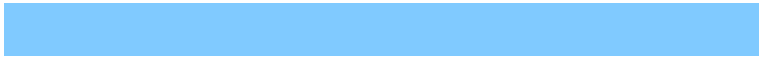
53, 0.007, 296.813

Same Dimension

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



76, 26.976, 252.076



79, 34.234, 254.325



63, 48.731, 291.866



47, 3.903, 246.551



44, 46.662, 273.944



11, 17.744, 265.103

Inverse Universe

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



69, 46.411, 342.929



70, 59.277, 343.971



88, 44.713, 101.358



46, 6.329, 339.905



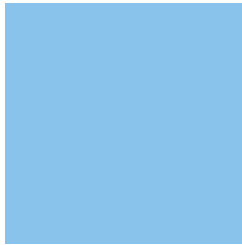
39, 67.237, 353.920



8, 29.641, 348.864

Previews

White Background



This preview shows how the CIELCh color 76, 26.977, 252.078 looks on a white background.

Color Contrast Check

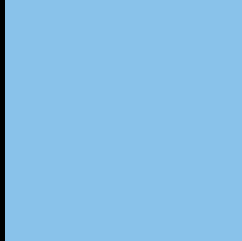
Large Text (above 18pt) WCAG AA × Fail

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 76, 26.977, 252.078 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

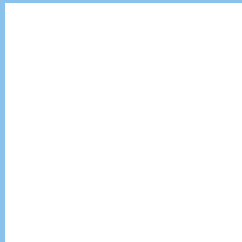
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 26.977, 252.078

Background



This preview shows how black text looks on a background with the CIELCh color 76, 26.977, 252.078.

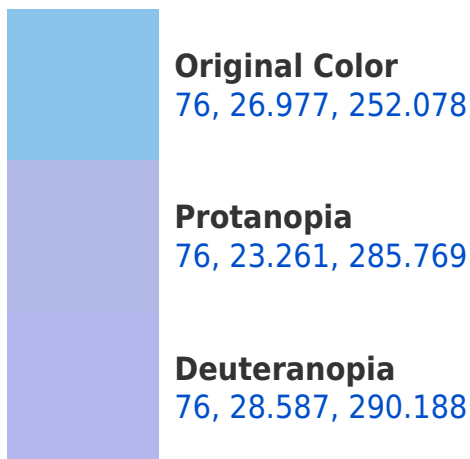


This preview shows how white text looks on a background with the CIELCh color 76, 26.977, 252.078.

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](#).

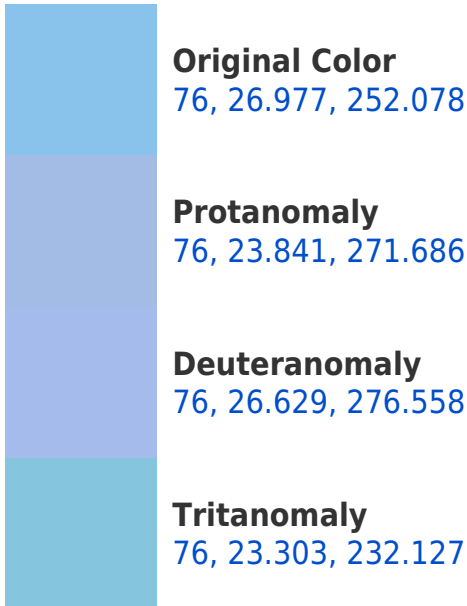
Dichromacy



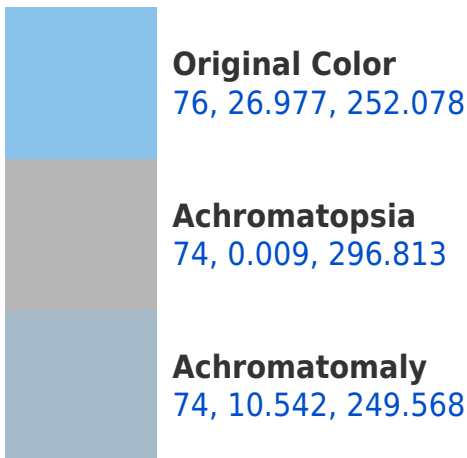


Tritanopia
76, 22.563, 220.617

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 26.977, 252.078 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(137, 194, 234)` looks like.

```
.text, #text, p{  
    color:rgb(137, 194, 234)  
}
```

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(137, 194, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 194, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 26.977, 252.078 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(137, 194, 234) }
```

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

```
.border{ border-color:rgb(137, 194, 234) }
```

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

Here you see how a box with a 4 pixel rgb(137, 194, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 194, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 194, 234);  
box-shadow:4px 4px 4px 4px rgb(137, 194,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 26.977, 252.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 194, 234) }
```

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

```
.background{ background-color: rgb(137,  
194, 234) }
```

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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