

Converting Colors

CIELCh(76, 23.166, 258.704)

Have a look what the booklet for
CIELCh(76, 23.166, 258.704)
contains.

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Color

CIELCh(76, 23.166, 258.704)

Conversions

Conversions Part 1

Format	Color
Hex	98C0E5
RGB	152, 192, 229
RGB Percent	60%, 75%, 90%
CMY	0.4049, 0.2480, 0.1029
CMYK	0.34, 0.16, 0.00, 0.10
HSL	209°, 59%, 75%
HSV	209°, 34%, 90%
XYZ	45.8071, 49.8872, 81.1589
YIQ	184.2580, -35.7170, 3.0270

Conversions

Conversions Part 2

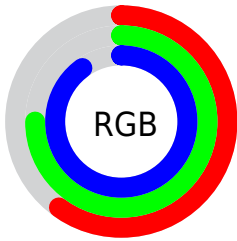
Format	Color
RYB	152, 178, 229
Decimal	10010853
CIELab	76.00, -4.54, -22.72
CIELCh	76, 23.166, 258.704
Yxy	49.8872, 0.2590, 0.2821
Android (android.graphics.Color)	4288200933 (0xFF98C0E5)
YUV	184.2580, 22.0578, -28.2903
Hunter-Lab	70.6309, -7.8392, -18.6859

Details

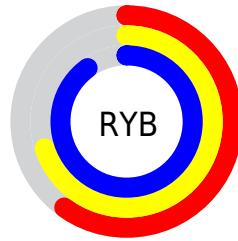
The CIELCh color **76, 23.166, 258.704** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79, 25.771, 69.175**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 13.670, 213.963**, and **56, 22.887, 257.525** is the 20% darker color. If you saturate the color by 10%, you get **72, 29.733, 261.039**, and if you desaturate by 10%, it is **80, 16.431, 256.752**.

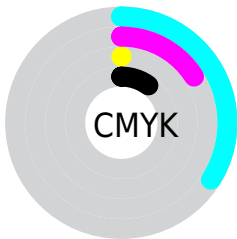
Distribution



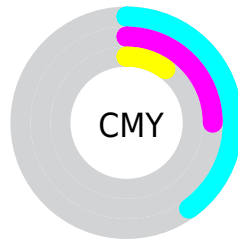
- Red (60%)
- Green (75%)
- Blue (90%)



- Red (60%)
- Yellow (70%)
- Blue (90%)



- Cyan (34%)
- Magenta (16%)
- Yellow (0%)
- Black (10%)



- Cyan (40%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 23.166, 258.704 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, 23.166, 258.704 by changing the saturation by 10% instead.

■ 76, 23.166,
258.704

■ 76, 23.166,
258.704

■ 100, 23.166,
258.704

■ 66, 23.166,
258.704

■ 96, 23.166,
258.704

■ 56, 23.166,
258.704

■ 46, 23.166,
258.704

■ 36, 23.166,
258.704

■ 26, 23.166,
258.704

■ 16, 23.166,
258.704

■ 6, 23.166, 258.704

0, 23.166, 258.704

76, 23.166,
258.704

76, 23.166,
258.704

72, 29.733,
261.039

80, 16.431,
256.752

68, 36.123,
263.826

85, 9.559, 255.134

64, 42.350,
267.115

89, 2.580, 253.880

94, 4.473, 72.460

60, 48.464,
270.925

97, 9.610, 91.196

56, 54.560,
275.212

99, 13.285,
109.174

53, 60.759,
279.839

■ 50, 64.816,
282.768

Harmonies

Complementary

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



76, 23.166, 258.704



79, 25.771, 69.175

Rectangle

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



76, 23.166, 258.704



76, 23.166, 308.704



76, 23.166, 78.704



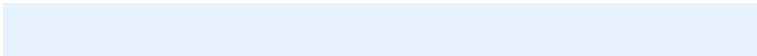
76, 23.166, 128.704

Sweetspot

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



76, 23.165, 258.702



95, 7.663, 254.628



85, 34.711, 158.748



50, 5.223, 254.822



0, 0.000, 0.000



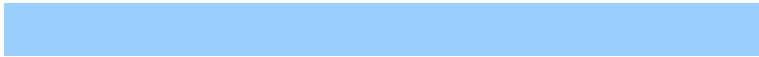
53, 0.007, 296.813

Same Dimension

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



76, 23.165, 258.702



81, 29.864, 260.193



66, 41.242, 293.214



46, 3.998, 254.547



40, 52.997, 281.956



9, 19.128, 273.090

Inverse Universe

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



71, 35.627, 345.761



75, 46.152, 346.546



89, 38.128, 105.452



45, 5.931, 343.347



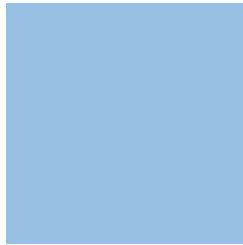
38, 65.104, 0.043



7, 27.815, 353.466

Previews

White Background



This preview shows how the CIELCh color 76, 23.166, 258.704 looks on a white background.

Color Contrast Check

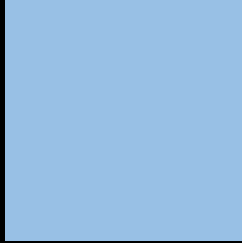
Large Text (above 18pt) WCAG AA × Fail

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, 23.166, 258.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

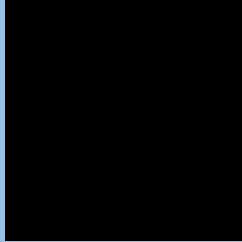
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

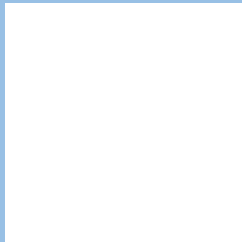
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 23.166, 258.704

Background



This preview shows how black text looks on a background with the CIELCh color 76, 23.166, 258.704.



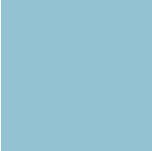
This preview shows how white text looks on a background with the CIELCh color 76, 23.166, 258.704.

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, 17.725, 227.662

Trichromacy



Original Color
76, 23.166, 258.704

Protanomaly
76, 21.652, 276.232

Deuteranomaly
76, 24.013, 281.358

Tritanomaly
76, 18.811, 240.021

Monochromacy



Original Color
76, 23.166, 258.704

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 8.679, 253.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 23.166, 258.704 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(152, 192, 229)` looks like.

```
.text, #text, p{  
    color:rgb(152, 192, 229)  
}
```

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(152, 192, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 192, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 23.166, 258.704 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(152, 192, 229) }
```

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

```
.border{ border-color:rgb(152, 192, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 192, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 192, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 192, 229);  
box-shadow:4px 4px 4px 4px rgb(152, 192,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 23.166, 258.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 192, 229) }
```

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

```
.background{ background-color: rgb(152,  
192, 229) }
```

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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