

Converting Colors

CIELCh(76, 23.083, 247.477)

Have a look what the booklet for
CIELCh(76, 23.083, 247.477)
contains.

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Color

CIELCh(76, 23.012, 247.464)

Conversions

Conversions Part 1

Format	Color
Hex	8FC2E2
RGB	143, 194, 226
RGB Percent	56%, 76%, 89%
CMY	0.4394, 0.2394, 0.1139
CMYK	0.37, 0.14, 0.00, 0.11
HSL	203°, 59%, 72%
HSV	203°, 37%, 89%
XYZ	44.3224, 49.8872, 79.2111
YIQ	182.3990, -40.6680, -0.8600

Conversions

Conversions Part 2

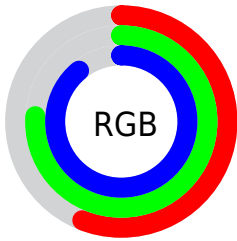
Format	Color
R_{YB}	143, 175, 226
Decimal	9421538
CIE _{Lab}	76.00, -8.82, -21.25
CIE _{LCh}	76, 23.012, 247.464
Yxy	49.8872, 0.2556, 0.2877
Android (android.graphics.Color)	4287611618 (0xFF8FC2E2)
YUV	182.3990, 21.4953, -34.5529
Hunter-Lab	70.6309, -11.5915, -17.0509

Details

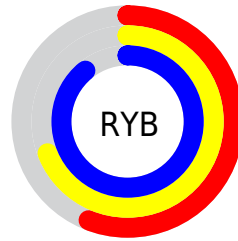
The CIELCh color **76, 23.012, 247.464** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75, 27.581, 58.662**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 16.873, 207.213**, and **56, 23.215, 248.780** is the 20% darker color. If you saturate the color by 10%, you get **72, 28.571, 249.730**, and if you desaturate by 10%, it is **80, 17.104, 245.615**.

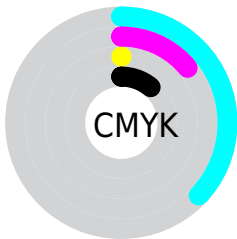
Distribution



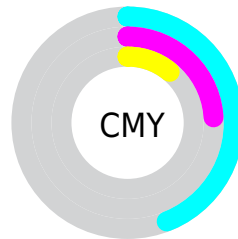
- Red (56%)
- Green (76%)
- Blue (89%)



- Red (56%)
- Yellow (69%)
- Blue (89%)



- Cyan (37%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (44%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 23.012, 247.464 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, 23.012, 247.464 by changing the saturation by 10% instead.

■ 76, 23.012,
247.464

■ 76, 23.012,
247.464

■ 100, 23.012,
247.464

■ 66, 23.012,
247.464

■ 96, 23.012,
247.464

■ 56, 23.012,
247.464

■ 46, 23.012,
247.464

■ 36, 23.012,
247.464

■ 26, 23.012,
247.464

■ 16, 23.012,
247.464

■ 6, 23.012, 247.464

0, 23.012, 247.464

76, 23.012,
247.464

76, 23.012,
247.464

72, 28.571,
249.730

80, 17.104,
245.615

69, 33.748,
252.500

83, 10.899,
244.119

66, 38.539,
255.845

87, 4.454, 242.949

91, 2.179, 61.594

63, 42.989,
259.808

95, 8.695, 62.424

60, 47.207,
264.369

97, 10.790, 92.105

57, 51.360,
269.395

99, 14.663,
108.975

■ 56, 52.761,
271.019

■ 99, 14.696,
109.067

Harmonies

Complementary

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



76, 23.012, 247.464



75, 27.581, 58.662

Rectangle

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



76, 23.012, 247.464



76, 23.012, 297.464



76, 23.012, 67.464



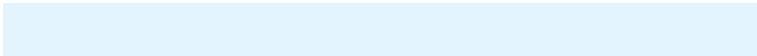
76, 23.012, 117.464

Sweetspot

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



76, 23.011, 247.462



95, 7.975, 243.412



84, 39.983, 154.540



50, 5.347, 243.574



0, 0.000, 0.000



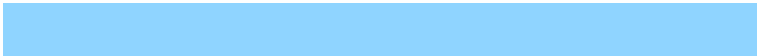
53, 0.007, 296.813

Same Dimension

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



76, 23.011, 247.462



82, 29.858, 249.134



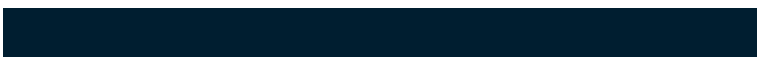
65, 40.777, 290.188



45, 3.721, 243.228



44, 43.212, 270.099



10, 15.785, 260.048

Inverse Universe

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



69, 40.806, 341.041



73, 53.544, 341.829



86, 38.050, 100.986



44, 6.218, 338.630



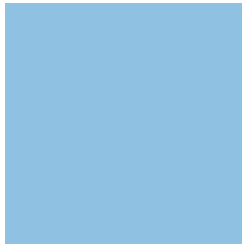
38, 66.645, 351.546



7, 27.914, 346.636

Previews

White Background



This preview shows how the CIELCh color 76, 23.012, 247.464 looks on a white background.

Color Contrast Check

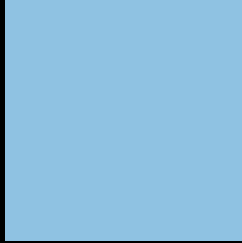
Large Text (above 18pt) WCAG AA × Fail

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, 23.012, 247.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

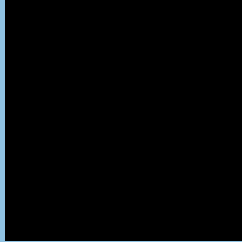
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 23.012, 247.464

Background



This preview shows how black text looks on a background with the CIELCh color 76, 23.012, 247.464.



This preview shows how white text looks on a background with the CIELCh color 76, 23.012, 247.464.

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, 20.047, 223.842

Trichromacy



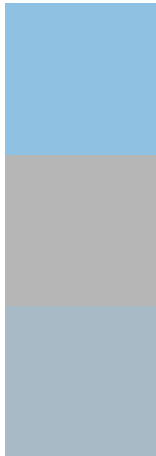
Original Color
76, 23.012, 247.464

Protanomaly
76, 19.384, 270.812

Deuteranomaly
76, 22.165, 276.697

Tritanomaly
76, 20.803, 233.322

Monochromacy



Original Color
76, 23.012, 247.464

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 8.948, 245.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 23.012, 247.464 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(143, 194, 226)` looks like.

```
.text, #text, p{  
    color:rgb(143, 194, 226)  
}
```

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(143, 194, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 194, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 23.012, 247.464 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(143, 194, 226) }
```

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

```
.border{ border-color:rgb(143, 194, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 194, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 194, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 194, 226); box-shadow:4px 4px 4px 4px rgb(143, 194, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 23.012, 247.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 194, 226) }
```

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

```
.background{ background-color: rgb(143,  
194, 226) }
```

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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