

Converting Colors

CIELCh(76, 20.513, 246.593)

Have a look what the booklet for
CIELCh(76, 20.513, 246.593)
contains.

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Color

CIELCh(76, 20.825, 247.628)

Conversions

Conversions Part 1

Format	Color
Hex	94C1DE
RGB	148, 193, 222
RGB Percent	58%, 76%, 87%
CMY	0.4184, 0.2419, 0.1282
CMYK	0.33, 0.13, 0.00, 0.13
HSL	204°, 53%, 73%
HSV	204°, 33%, 87%
XYZ	44.6295, 49.8872, 76.6017
YIQ	182.8510, -36.1290, -0.5210

Conversions

Conversions Part 2

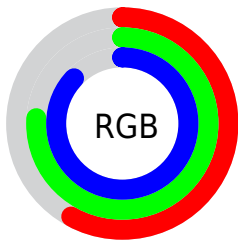
Format	Color
RYB	148, 176, 222
Decimal	9748958
CIELab	76.00, -7.93, -19.26
CIELCh	76, 20.825, 247.628
Yxy	49.8872, 0.2608, 0.2915
Android (android.graphics.Color)	4287939038 (0xFF94C1DE)
YUV	182.8510, 19.3005, -30.5643
Hunter-Lab	70.6309, -10.8155, -14.8605

Details

The CIELCh color **76, 20.825, 247.628** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76, 24.389, 59.669**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 15.106, 210.365**, and **56, 20.877, 246.635** is the 20% darker color. If you saturate the color by 10%, you get **72, 26.481, 249.758**, and if you desaturate by 10%, it is **80, 14.852, 245.887**.

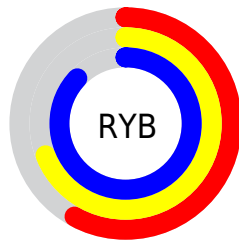
Distribution



Red (58%)

Green (76%)

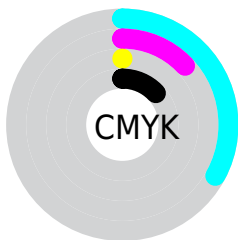
Blue (87%)



Red (58%)

Yellow (69%)

Blue (87%)

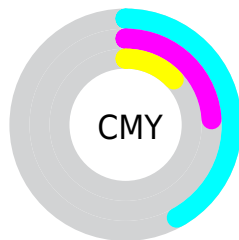


Cyan (33%)

Magenta (13%)

Yellow (0%)

Black (13%)



Cyan (42%)

Magenta (24%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 20.825, 247.628 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, 20.825, 247.628 by changing the saturation by 10% instead.

■ 76, 20.825,
247.628

■ 76, 20.825,
247.628

■ 100, 20.825,
247.628

■ 66, 20.825,
247.628

■ 96, 20.825,
247.628

■ 56, 20.825,
247.628

■ 46, 20.825,
247.628

■ 36, 20.825,
247.628

■ 26, 20.825,
247.628

■ 16, 20.825,
247.628

■ 6, 20.825, 247.628

0, 20.825, 247.628

76, 20.825,
247.628

76, 20.825,
247.628

72, 26.481,
249.758

80, 14.852,
245.887

69, 31.783,
252.364

83, 8.615, 244.481

66, 36.716,
255.517

87, 2.166, 243.477

91, 4.444, 62.175

62, 41.308,
259.274

95, 9.991, 67.766

59, 45.645,
263.636

97, 12.333, 92.978

99, 16.187,
108.036

57, 49.871,
268.514

■ 55, 52.762,
271.881

■ 99, 16.535,
108.928

Harmonies

Complementary

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



76, 20.825, 247.628



76, 24.389, 59.669

Rectangle

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



76, 20.825, 247.628



76, 20.825, 297.628



76, 20.825, 67.628



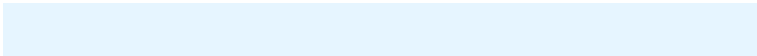
76, 20.825, 117.628

Sweetspot

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



76, 20.824, 247.625



96, 7.279, 244.097



83, 35.859, 154.928



50, 4.956, 244.262



0, 0.000, 0.000



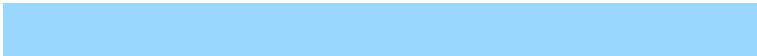
53, 0.007, 296.813

Same Dimension

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



76, 20.824, 247.625



83, 27.540, 249.076



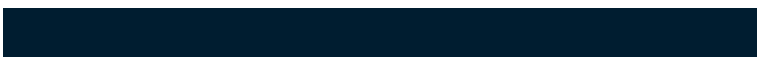
66, 36.232, 289.557



45, 3.730, 244.026



44, 43.766, 271.019



10, 15.933, 260.984

Inverse Universe

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



70, 36.400, 341.019



75, 48.693, 341.728



85, 34.087, 101.370



44, 6.190, 338.929



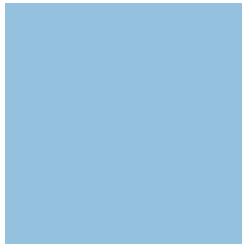
38, 66.444, 352.086



7, 27.816, 347.057

Previews

White Background



This preview shows how the CIELCh color 76, 20.825, 247.628 looks on a white background.

Color Contrast Check

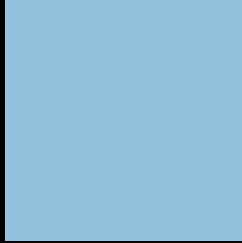
Large Text (above 18pt) WCAG AA × Fail

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, 20.825, 247.628 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, 20.825, 247.628

Background



This preview shows how black text looks on a background with the CIELCh color 76, 20.825, 247.628.



This preview shows how white text looks on a background with the CIELCh color 76, 20.825, 247.628.

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](#).

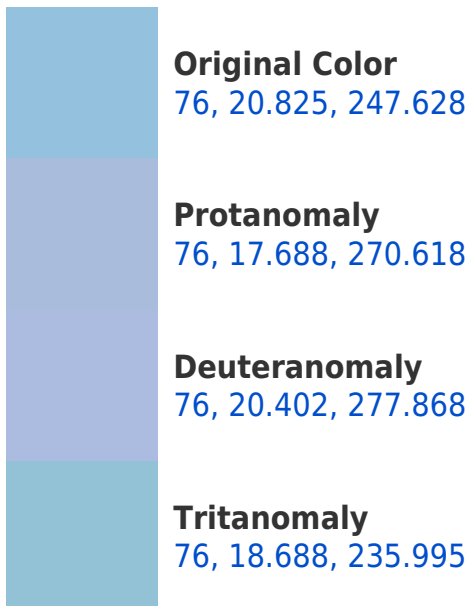
Dichromacy



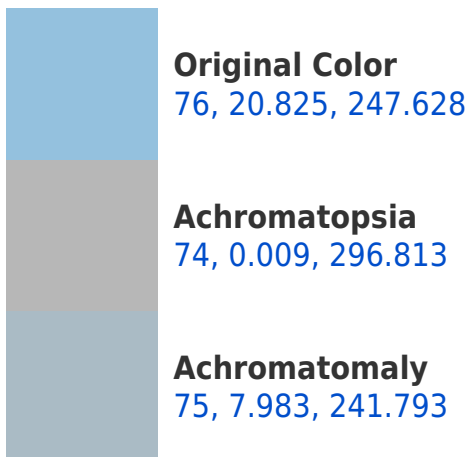


Tritanopia
76, 17.985, 227.184

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 20.825, 247.628 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(148, 193, 222)` looks like.

```
.text, #text, p{  
    color:rgb(148, 193, 222)  
}
```

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(148, 193, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 193, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 20.825, 247.628 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(148, 193, 222) }
```

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

```
.border{ border-color:rgb(148, 193, 222) }
```

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

Here you see how a box with a 4 pixel rgb(148, 193, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 193, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 193, 222);  
box-shadow:4px 4px 4px 4px rgb(148, 193,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 20.825, 247.628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 193, 222) }
```

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

```
.background{ background-color: rgb(148,  
193, 222) }
```

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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