

Converting Colors

CIELCh(76, 17.906, 254.501)

Have a look what the booklet for
CIELCh(76, 17.906, 254.501)
contains.

CIELCh(76, 18.086, 255.826)	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(76, 18.086, 255.826)

Conversions

Conversions Part 1

Format	Color
Hex	9FBFDB
RGB	159, 191, 219
RGB Percent	62%, 75%, 86%
CMY	0.3755, 0.2500, 0.1402
CMYK	0.27, 0.13, 0.00, 0.14
HSL	208°, 46%, 74%
HSV	208°, 27%, 86%
XYZ	45.8454, 49.8872, 74.3983
YIQ	184.6240, -28.0600, 1.9240

Conversions

Conversions Part 2

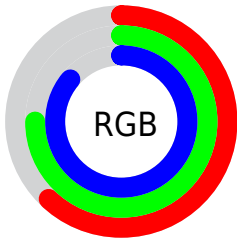
Format	Color
RYB	159, 180, 219
Decimal	10469339
CIELab	76.00, -4.43, -17.54
CIELCh	76, 18.086, 255.826
Yxy	49.8872, 0.2695, 0.2932
Android (android.graphics.Color)	4288659419 (0xFF9FBFDB)
YUV	184.6240, 16.9474, -22.4722
Hunter-Lab	70.6309, -7.7426, -13.0109

Details

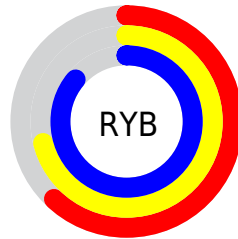
The CIELCh color **76, 18.086, 255.826** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78, 19.807, 68.473**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 11.380, 220.059**, and **56, 17.995, 255.074** is the 20% darker color. If you saturate the color by 10%, you get **72, 24.416, 257.884**, and if you desaturate by 10%, it is **80, 11.588, 254.111**.

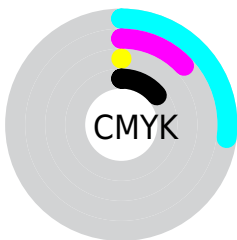
Distribution



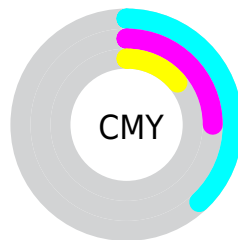
- Red (62%)
- Green (75%)
- Blue (86%)



- Red (62%)
- Yellow (71%)
- Blue (86%)



- Cyan (27%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)



- Cyan (38%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 18.086, 255.826 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, 18.086, 255.826 by changing the saturation by 10% instead.

■ 76, 18.086,
255.826

■ 76, 18.086,
255.826

■ 100, 18.086,
255.826

■ 66, 18.086,
255.826

■ 96, 18.086,
255.826

■ 56, 18.086,
255.826

■ 46, 18.086,
255.826

■ 36, 18.086,
255.826

■ 26, 18.086,
255.826

■ 16, 18.086,
255.826

■ 6, 18.086, 255.826

0, 18.086, 255.826

76, 18.086,
255.826

76, 18.086,
255.826

72, 24.416,
257.884

80, 11.588,
254.111

68, 30.556,
260.358

84, 4.958, 252.719

64, 36.496,
263.307

89, 1.770, 71.184

93, 8.564, 70.348

60, 42.259,
266.780

96, 12.688, 87.759

57, 47.909,
270.780

99, 16.930,
105.935

53, 53.549,
275.239

99, 18.080,
108.810

■ 50, 59.312,
279.973

■ 49, 60.878,
281.170

Harmonies

Complementary

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



76, 18.086, 255.826



78, 19.807, 68.473

Rectangle

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



76, 18.086, 255.826



76, 18.086, 305.826



76, 18.086, 75.826



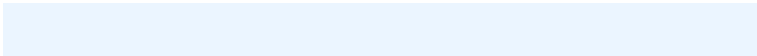
76, 18.086, 125.826

Sweetspot

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



76, 18.085, 255.822



96, 6.080, 252.804



83, 27.402, 159.447



51, 4.316, 252.997



0, 0.000, 0.000



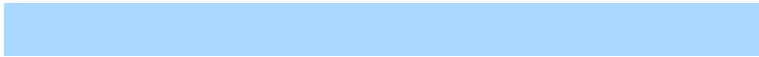
53, 0.007, 296.813

Same Dimension

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



76, 18.085, 255.822



84, 24.490, 256.995



68, 31.976, 292.191



44, 3.813, 252.977



39, 50.338, 280.360



8, 17.182, 270.160

Inverse Universe

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



72, 28.197, 344.312



79, 38.469, 344.941



86, 30.076, 106.087



43, 5.767, 342.619



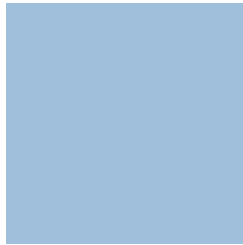
37, 63.952, 358.671



6, 25.435, 352.136

Previews

White Background



This preview shows how the CIELCh color 76, 18.086, 255.826 looks on a white background.

Color Contrast Check

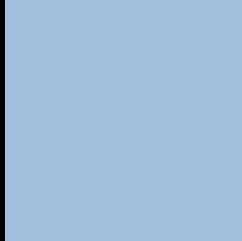
Large Text (above 18pt) WCAG AA × Fail

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, 18.086, 255.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

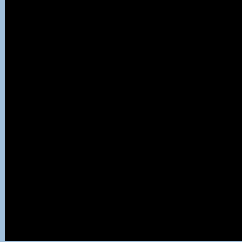
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

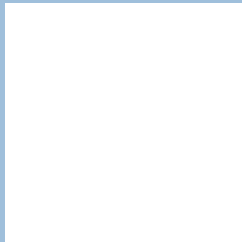
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 18.086, 255.826

Background



This preview shows how black text looks on a background with the CIELCh color 76, 18.086, 255.826.



This preview shows how white text looks on a background with the CIELCh color 76, 18.086, 255.826.

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

76, 18.086, 255.826

Protanopia

76, 16.189, 288.019

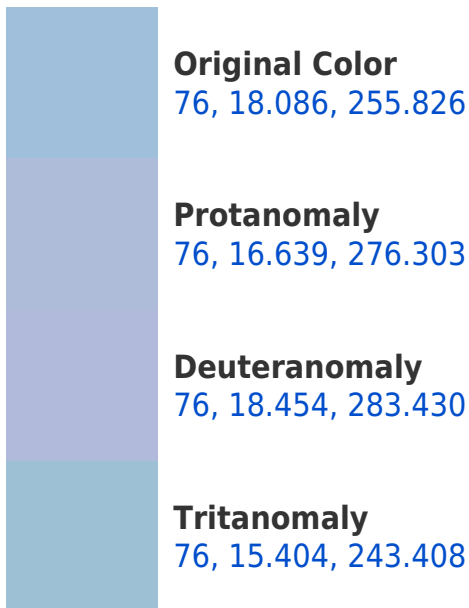
Deuteranopia

76, 20.645, 297.777

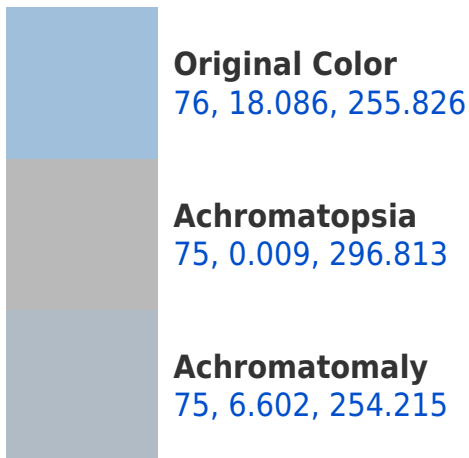


Tritanopia
76, 14.374, 233.033

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 18.086, 255.826 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(159, 191, 219)` looks like.

```
.text, #text, p{  
    color:rgb(159, 191, 219)  
}
```

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(159, 191, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 191, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 18.086, 255.826 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(159, 191, 219) }
```

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

```
.border{ border-color:rgb(159, 191, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 191, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 191, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 191, 219);  
box-shadow:4px 4px 4px 4px rgb(159, 191,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 18.086, 255.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 191, 219) }
```

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

```
.background{ background-color: rgb(159,  
191, 219) }
```

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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