

Converting Colors

CIELCh(77, 26.069, 251.469)

Have a look what the booklet for
CIELCh(77, 26.069, 251.469)
contains.

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Color

CIELCh(77, 25.862, 251.155)

Conversions

Conversions Part 1

Format	Color
Hex	8EC5EB
RGB	142, 197, 235
RGB Percent	56%, 77%, 92%
CMY	0.4441, 0.2284, 0.0794
CMYK	0.40, 0.16, 0.00, 0.08
HSL	205°, 70%, 74%
HSV	205°, 40%, 92%
XYZ	45.9807, 51.5317, 85.9252
YIQ	184.8870, -44.9780, 0.1580

Conversions

Conversions Part 2

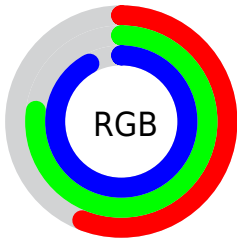
Format	Color
R _Y B	142, 177, 235
Decimal	9356779
CIE Lab	77.00, -8.35, -24.48
CIE LCh	77, 25.862, 251.155
Yxy	51.5317, 0.2507, 0.2809
Android (android.graphics.Color)	4287546859 (0xFF8EC5EB)
YUV	184.8870, 24.7057, -37.6119
Hunter-Lab	71.7856, -11.2907, -20.7184

Details

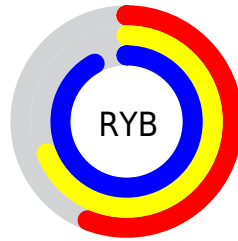
The CIELCh color **77, 25.862, 251.155** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77, 31.011, 60.864**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.068, 199.946**, and **57, 25.865, 251.545** is the 20% darker color. If you saturate the color by 10%, you get **73, 31.690, 253.641**, and if you desaturate by 10%, it is **81, 19.706, 249.111**.

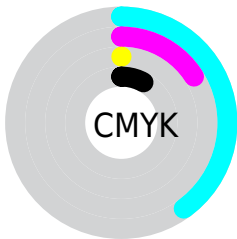
Distribution



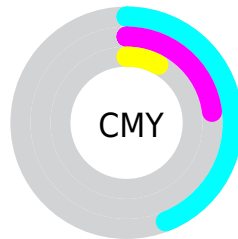
- Red (56%)
- Green (77%)
- Blue (92%)



- Red (56%)
- Yellow (69%)
- Blue (92%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)
- Black (8%)



- Cyan (44%)
- Magenta (23%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 25.862, 251.155 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 77, 25.862, 251.155 by changing the saturation by 10% instead.

■ 77, 25.862,
251.155

■ 77, 25.862,
251.155

■ 100, 25.862,
251.155

■ 67, 25.862,
251.155

■ 97, 25.862,
251.155

■ 57, 25.862,
251.155

■ 47, 25.862,
251.155

■ 37, 25.862,
251.155

■ 27, 25.862,
251.155

■ 17, 25.862,
251.155

■ 7, 25.862, 251.155

0, 25.862, 251.155

77, 25.862,
251.155

77, 25.862,
251.155

73, 31.690,
253.641

81, 19.706,
249.111

70, 37.172,
256.650

85, 13.267,
247.442

66, 42.326,
260.240

89, 6.594, 246.097

63, 47.223,
264.427

93, 0.262, 62.993

60, 51.993,
269.146

97, 6.265, 73.484

57, 56.831,
274.151

99, 9.903, 107.957
100, 10.254,
109.401

■ 56, 57.025,
274.337

Harmonies

Complementary

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



77, 25.862, 251.155



77, 31.011, 60.864

Rectangle

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



77, 25.862, 251.155



77, 25.862, 301.155



77, 25.862, 71.155



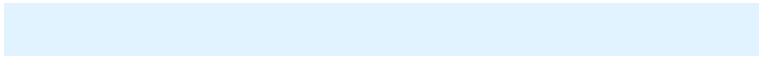
77, 25.862, 121.155

Sweetspot

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



77, 25.861, 251.153



95, 8.775, 246.396



86, 43.759, 154.923



50, 5.810, 246.564



0, 0.000, 0.000



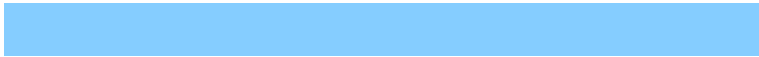
53, 0.007, 296.813

Same Dimension

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



77, 25.861, 251.153



80, 32.893, 253.264



65, 46.522, 291.510



47, 3.896, 246.080



44, 46.299, 273.430



11, 17.635, 264.570

Inverse Universe

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



70, 44.644, 342.526



71, 57.246, 343.511



89, 42.900, 101.555



46, 6.346, 339.719



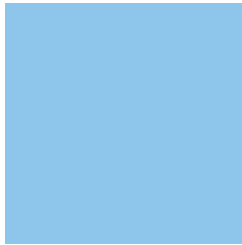
39, 67.345, 353.584



8, 29.695, 348.600

Previews

White Background



This preview shows how the CIELCh color 77, 25.862, 251.155 looks on a white background.

Color Contrast Check

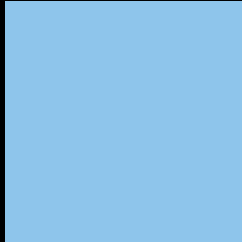
Large Text (above 18pt) WCAG AA × Fail

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 77, 25.862, 251.155 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 77, 25.862, 251.155

Background



This preview shows how black text looks on a background with the CIELCh color 77, 25.862, 251.155.



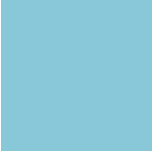
This preview shows how white text looks on a background with the CIELCh color 77, 25.862, 251.155.

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](#).

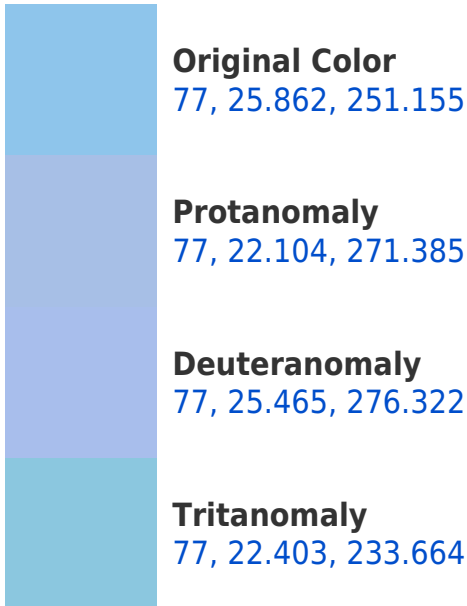
Dichromacy



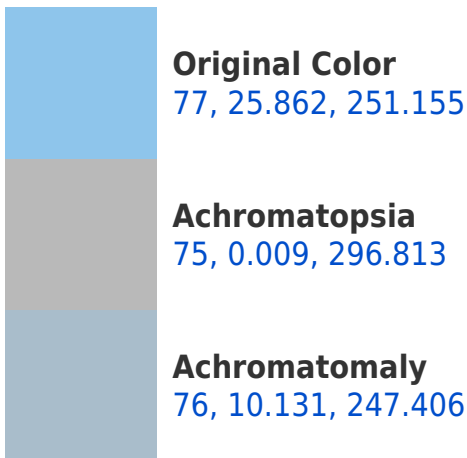


Tritanopia
77, 21.554, 221.759

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 25.862, 251.155 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(142, 197, 235)` looks like.

```
.text, #text, p{  
    color:rgb(142, 197, 235)  
}
```

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(142, 197, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 197, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 25.862, 251.155 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(142, 197, 235) }
```

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

```
.border{ border-color:rgb(142, 197, 235) }
```

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

Here you see how a box with a 4 pixel rgb(142, 197, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 197, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 197, 235);  
box-shadow:4px 4px 4px 4px rgb(142, 197,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 25.862, 251.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 197, 235) }
```

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

```
.background{ background-color: rgb(142,  
197, 235) }
```

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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