

Converting Colors

CIELCh(77, 20.983, 233.581)

Have a look what the booklet for
CIELCh(77, 20.983, 233.581)
contains.

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Color

CIELCh(77, 21.032, 234.598)

Conversions

Conversions Part 1

Format	Color
Hex	8FC6DD
RGB	143, 198, 221
RGB Percent	56%, 78%, 87%
CMY	0.4387, 0.2230, 0.1328
CMYK	0.35, 0.10, 0.00, 0.13
HSL	198°, 54%, 71%
HSV	198°, 35%, 87%
XYZ	44.6476, 51.5317, 76.0989
YIQ	184.1770, -40.1630, -4.5070

Conversions

Conversions Part 2

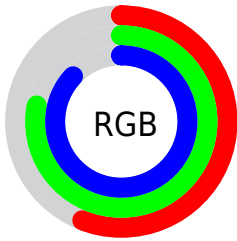
Format	Color
RYB	143, 175, 221
Decimal	9422557
CIELab	77.00, -12.18, -17.14
CIELCh	77, 21.032, 234.598
Yxy	51.5317, 0.2592, 0.2991
Android (android.graphics.Color)	4287612637 (0xFF8FC6DD)
YUV	184.1770, 18.1537, -36.1122
Hunter-Lab	71.7856, -14.6054, -12.6025

Details

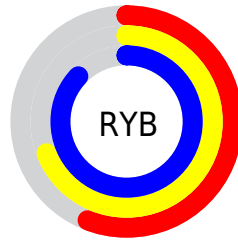
The CIELCh color **77, 21.032, 234.598** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 26.231, 48.993**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.406, 198.288**, and **57, 21.068, 235.010** is the 20% darker color. If you saturate the color by 10%, you get **74, 26.042, 236.329**, and if you desaturate by 10%, it is **80, 15.535, 233.235**.

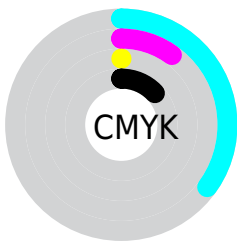
Distribution



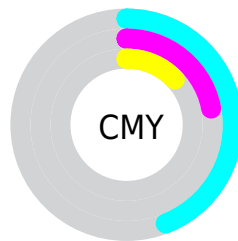
- Red (56%)
- Green (78%)
- Blue (87%)



- Red (56%)
- Yellow (69%)
- Blue (87%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (44%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 21.032, 234.598 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, 21.032, 234.598 by changing the saturation by 10% instead.

 77, 21.032,
234.598

 77, 21.032,
234.598


 100, 21.032,
234.598


 67, 21.032,
234.598


 97, 21.032,
234.598

 57, 21.032,
234.598

 47, 21.032,
234.598

 37, 21.032,
234.598

 27, 21.032,
234.598

 17, 21.032,
234.598

 7, 21.032, 234.598

0, 21.032, 234.598

77, 21.032,
234.598

77, 21.032,
234.598

74, 26.042,
236.329

80, 15.535,
233.235

71, 30.500,
238.522

83, 9.632, 232.183

69, 34.361,
241.266

86, 3.398, 231.447

90, 3.094, 50.452

66, 37.631,
244.648

93, 9.782, 50.060

64, 40.379,
248.722

95, 10.518, 71.169

96, 12.249, 89.605

62, 42.755,
253.465

98, 14.895,

■ 61, 43.857,
255.805

102.400

■ 99, 17.123,
108.883

Harmonies

Complementary

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



77, 21.032, 234.598



73, 26.231, 48.993

Rectangle

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



77, 21.032, 234.598



77, 21.032, 284.598



77, 21.032, 54.598



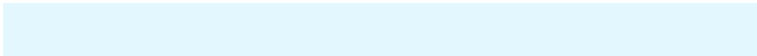
77, 21.032, 104.598

Sweetspot

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



77, 21.031, 234.595



96, 7.862, 231.827



82, 40.842, 150.669



51, 5.266, 231.937



0, 0.000, 0.000



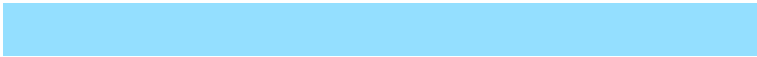
53, 0.007, 296.813

Same Dimension

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



77, 21.031, 234.595



85, 27.423, 235.776



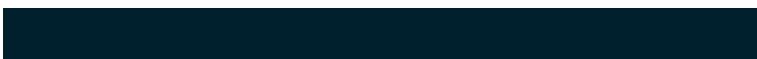
67, 34.007, 284.679



44, 3.603, 231.701



48, 36.305, 254.897



11, 13.659, 244.789

Inverse Universe

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



69, 40.921, 336.670



75, 54.335, 337.270



82, 32.742, 95.163



43, 6.508, 334.688



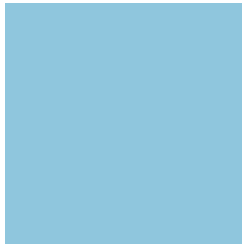
38, 69.419, 344.409



6, 28.121, 340.962

Previews

White Background



This preview shows how the CIE LCh color 77, 21.032, 234.598 looks on a white background.

Color Contrast Check

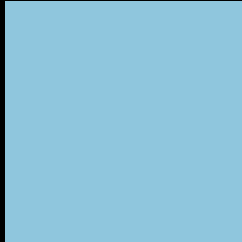
Large Text (above 18pt) WCAG AA × Fail

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, 21.032, 234.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

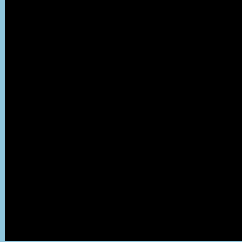
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 21.032, 234.598

Background



This preview shows how black text looks on a background with the CIELCh color 77, 21.032, 234.598.



This preview shows how white text looks on a background with the CIELCh color 77, 21.032, 234.598.

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](#).

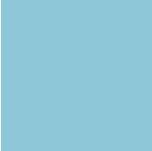
Dichromacy



Original Color
77, 21.032, 234.598

Protanopia
77, 14.535, 287.415

Deuteranopia
77, 21.138, 297.653



Tritanopia
77, 20.029, 223.798

Trichromacy



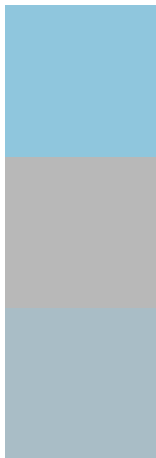
Original Color
77, 21.032, 234.598

Protanomaly
77, 15.144, 262.010

Deuteranomaly
77, 18.372, 274.849

Tritanomaly
77, 20.384, 226.752

Monochromacy



Original Color
77, 21.032, 234.598

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 8.458, 234.134

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 21.032, 234.598 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, 198, 221)` looks like.

```
.text, #text, p{  
    color:rgb(143, 198, 221)  
}
```

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, 198, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 198, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 21.032, 234.598 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, 198, 221) }
```

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

```
.border{ border-color:rgb(143, 198, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 198, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 198, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 198, 221);  
box-shadow:4px 4px 4px 4px rgb(143, 198,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 21.032, 234.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 198, 221) }
```

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

```
.background{ background-color: rgb(143,  
198, 221) }
```

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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