

Converting Colors

CIELCh(78, 20.489, 242.439)

Have a look what the booklet for
CIELCh(78, 20.489, 242.439)
contains.

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Color

CIELCh(78, 20.549, 241.504)

Conversions

Conversions Part 1

Format	Color
Hex	97C8E2
RGB	151, 200, 226
RGB Percent	59%, 78%, 89%
CMY	0.4089, 0.2167, 0.1148
CMYK	0.33, 0.12, 0.00, 0.11
HSL	201°, 56%, 74%
HSV	201°, 33%, 89%
XYZ	46.9932, 53.2120, 79.5458
YIQ	188.3130, -37.5500, -2.3020

Conversions

Conversions Part 2

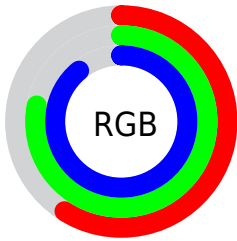
Format	Color
R_{YB}	151, 181, 226
Decimal	9947362
CIE Lab	78.00, -9.80, -18.06
CIE LCh	78, 20.549, 241.504
Yxy	53.2120, 0.2614, 0.2960
Android (android.graphics.Color)	4288137442 (0xFF97C8E2)
YUV	188.3130, 18.5797, -32.7235
Hunter-Lab	72.9466, -12.6643, -13.5912

Details

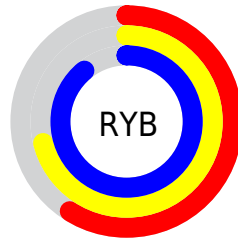
The CIELCh color **78, 20.549, 241.504** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76, 24.662, 54.693**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.940, 198.446**, and **58, 20.712, 242.039** is the 20% darker color. If you saturate the color by 10%, you get **75, 25.983, 243.447**, and if you desaturate by 10%, it is **81, 14.717, 239.941**.

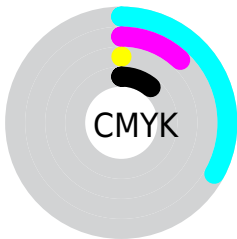
Distribution



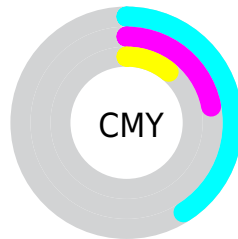
- Red (59%)
- Green (78%)
- Blue (89%)



- Red (59%)
- Yellow (71%)
- Blue (89%)



- Cyan (33%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (41%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 20.549, 241.504 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 78, 20.549, 241.504 by changing the saturation by 10% instead.

■ 78, 20.549,
241.504

■ 78, 20.549,
241.504

■ 100, 20.549,
241.504

■ 68, 20.549,
241.504

■ 98, 20.549,
241.504

■ 58, 20.549,
241.504

■ 48, 20.549,
241.504

■ 38, 20.549,
241.504

■ 28, 20.549,
241.504

■ 18, 20.549,
241.504

■ 8, 20.549, 241.504

0, 20.549, 241.504

78, 20.549,
241.504

78, 20.549,
241.504

75, 25.983,
243.447

81, 14.717,
239.941

71, 30.966,
245.863

85, 8.553, 238.704

68, 35.467,
248.833

89, 2.124, 237.872

92, 4.513, 56.685

65, 39.498,
252.432

95, 8.926, 68.255

63, 43.135,
256.692

97, 11.073, 93.415

99, 14.563,
108.353

60, 46.525,
261.558

■ 59, 48.821,
265.021

■ 99, 14.813,
109.058

Harmonies

Complementary

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



78, 20.549, 241.504



76, 24.662, 54.693

Rectangle

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



78, 20.549, 241.504



78, 20.549, 291.504



78, 20.549, 61.504



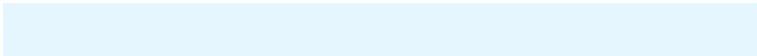
78, 20.549, 111.504

Sweetspot

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



78, 20.548, 241.501



96, 7.184, 238.378



84, 37.679, 152.833



51, 4.888, 238.520



0, 0.000, 0.000



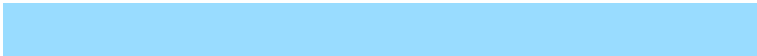
53, 0.007, 296.813

Same Dimension

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



78, 20.548, 241.501



84, 26.782, 242.828



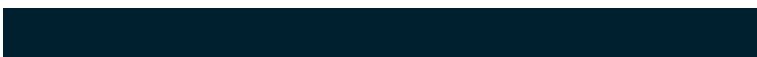
68, 34.502, 287.069



45, 3.681, 238.317



46, 40.098, 264.089



11, 14.977, 254.073

Inverse Universe

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



71, 37.891, 338.829



76, 50.131, 339.482



85, 32.852, 98.544



44, 6.392, 336.875



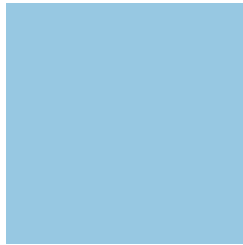
39, 68.006, 348.365



7, 28.549, 344.169

Previews

White Background



This preview shows how the CIE LCh color 78, 20.549, 241.504 looks on a white background.

Color Contrast Check

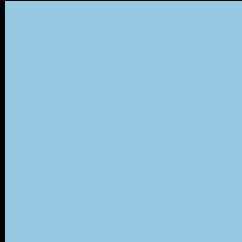
Large Text (above 18pt) WCAG AA × Fail

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 78, 20.549, 241.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

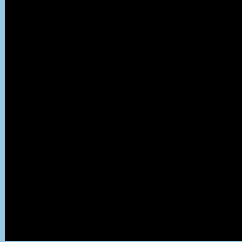
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 20.549, 241.504

Background



This preview shows how black text looks on a background with the CIELCh color 78, 20.549, 241.504.



This preview shows how white text looks on a background with the CIELCh color 78, 20.549, 241.504.

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](#).

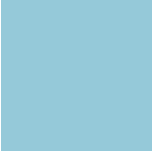
Dichromacy



Original Color
78, 20.549, 241.504

Protanopia
78, 15.580, 286.530

Deuteranopia
78, 21.576, 296.627



Tritanopia
78, 18.722, 225.753

Trichromacy



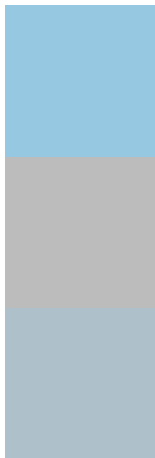
Original Color
78, 20.549, 241.504

Protanomaly
78, 16.251, 267.099

Deuteranomaly
78, 19.207, 277.792

Tritanomaly
78, 19.091, 230.813

Monochromacy



Original Color
78, 20.549, 241.504

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 8.206, 240.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 20.549, 241.504 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(151, 200, 226)` looks like.

```
.text, #text, p{  
    color:rgb(151, 200, 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(151, 200, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 200, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 20.549, 241.504 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(151, 200, 226) }
```

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

```
.border{ border-color:rgb(151, 200, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 200, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 200, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 200, 226); box-shadow:4px 4px 4px 4px rgb(151, 200, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 20.549, 241.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 200, 226) }
```

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

```
.background{ background-color: rgb(151,  
200, 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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