

Converting Colors

CIELCh(79, 18.944, 240.196)

Have a look what the booklet for
CIELCh(79, 18.944, 240.196)
contains.

| | |
|--|----|
| CIELCh(79, 19.043, 241.214) | 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(79, 19.043, 241.214)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9DCAE2 |
| RGB | 157, 202, 226 |
| RGB Percent | 62%, 79%, 89% |
| CMY | 0.3841, 0.2077, 0.1135 |
| CMYK | 0.31, 0.11, 0.00, 0.11 |
| HSL | 201°, 54%, 75% |
| HSV | 201°, 31%, 89% |
| XYZ | 48.7783, 54.9284, 80.0162 |
| YIQ | 191.2810, -34.5240, -2.0760 |

Conversions

Conversions Part 2

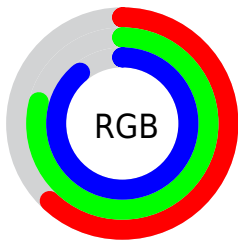
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 157, 184, 226 |
| Decimal | 10341090 |
| CIE Lab | 79.00, -9.17, -16.69 |
| CIE LCh | 79, 19.043, 241.214 |
| Yxy | 54.9284, 0.2655, 0.2990 |
| Android (android.graphics.Color) | 4288531170 (0xFF9DCAE2) |
| YUV | 191.2810, 17.1165, -30.0644 |
| Hunter-Lab | 74.1137, -12.2182, -12.1324 |

Details

The CIELCh color **79, 19.043, 241.214** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 22.461, 55.017**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.050, 198.569**, and **59, 19.239, 241.403** is the 20% darker color. If you saturate the color by 10%, you get **76, 24.603, 243.051**, and if you desaturate by 10%, it is **82, 13.104, 239.737**.

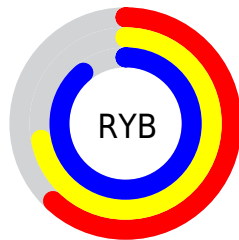
Distribution



Red (62%)

Green (79%)

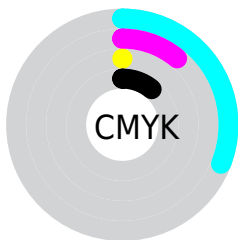
Blue (89%)



Red (62%)

Yellow (72%)

Blue (89%)

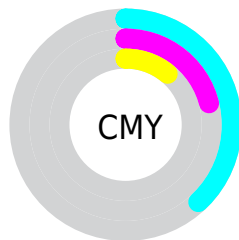


Cyan (31%)

Magenta (11%)

Yellow (0%)

Black (11%)



Cyan (38%)


Magenta (21%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 19.043, 241.214 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 79, 19.043, 241.214 by changing the saturation by 10% instead.


 79, 19.043,
241.214


 79, 19.043,
241.214


 100, 19.043,
241.214


 69, 19.043,
241.214


 99, 19.043,
241.214

 59, 19.043,
241.214

 49, 19.043,
241.214

 39, 19.043,
241.214

 29, 19.043,
241.214

 19, 19.043,
241.214

 9, 19.043, 241.214

0, 19.043, 241.214

79, 19.043,
241.214

79, 19.043,
241.214

76, 24.603,
243.051

82, 13.104,
239.737

72, 29.726,
245.338

86, 6.852, 238.577

69, 34.374,
248.157

90, 0.352, 239.025

93, 6.339, 56.670

66, 38.547,
251.588

96, 9.256, 77.006

63, 42.301,
255.676

98, 11.950, 99.111

99, 14.649,
109.070

61, 45.765,
260.395

■ 59, 48.990,
265.223

Harmonies

Complementary

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



79, 19.043, 241.214



77, 22.461, 55.017

Rectangle

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



79, 19.043, 241.214



79, 19.043, 291.214



79, 19.043, 61.214



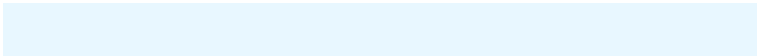
79, 19.043, 111.214

Sweetspot

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



79, 19.042, 241.210



96, 6.478, 238.435



84, 34.709, 153.115



51, 4.490, 238.577



0, 0.000, 0.000



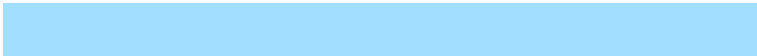
53, 0.007, 296.813

Same Dimension

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



79, 19.042, 241.210



86, 25.003, 242.403



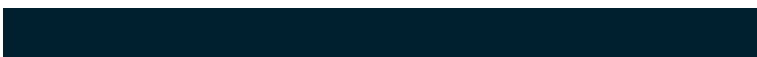
70, 31.592, 286.586



45, 3.682, 238.471



46, 40.188, 264.287



11, 15.000, 254.266

Inverse Universe

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



73, 34.851, 338.646



77, 46.451, 339.254



85, 30.229, 98.861



44, 6.387, 336.928



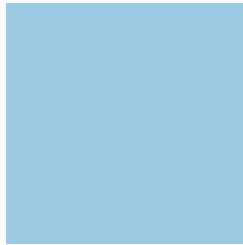
39, 67.960, 348.461



7, 28.529, 344.243

Previews

White Background



This preview shows how the CIE LCh color 79, 19.043, 241.214 looks on a white background.

Color Contrast Check

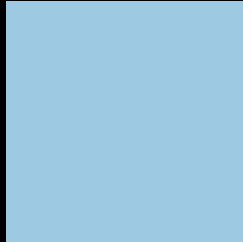
Large Text (above 18pt) WCAG AA × Fail

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 79, 19.043, 241.214 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 79, 19.043, 241.214

Background



This preview shows how black text looks on a background with the CIELCh color 79, 19.043, 241.214.



This preview shows how white text looks on a background with the CIELCh color 79, 19.043, 241.214.

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

79, 19.043, 241.214

Protanopia

79, 14.451, 287.370

Deuteranopia

79, 20.589, 299.633



Tritanopia
79, 17.403, 228.047

Trichromacy



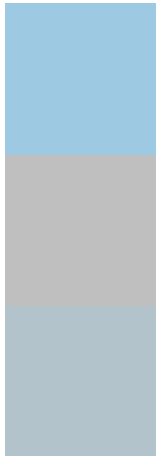
Original Color
79, 19.043, 241.214

Protanomaly
79, 15.002, 267.481

Deuteranomaly
79, 17.941, 279.855

Tritanomaly
79, 18.090, 232.833

Monochromacy



Original Color
79, 19.043, 241.214

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 7.339, 240.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 19.043, 241.214 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(157, 202, 226)` looks like.

```
.text, #text, p{  
    color:rgb(157, 202, 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(157, 202, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 202, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 19.043, 241.214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

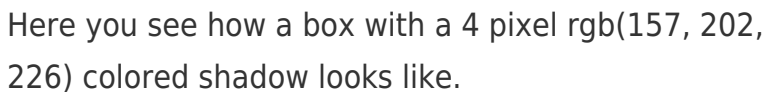
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 202, 226) }
```

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

```
.border{ border-color:rgb(157, 202, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 202, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 202, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 202, 226); box-shadow:4px 4px 4px 4px rgb(157, 202, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 19.043, 241.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 202, 226) }
```

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

```
.background{ background-color: rgb(157,  
202, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor