

Converting Colors

CIELCh(79, 23.213, 242.859)

Have a look what the booklet for
CIELCh(79, 23.213, 242.859)
contains.

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Color

CIELCh(79, 23.211, 242.494)

Conversions

Conversions Part 1

Format	Color
Hex	93CBE9
RGB	147, 203, 233
RGB Percent	58%, 80%, 91%
CMY	0.4227, 0.2031, 0.0854
CMYK	0.37, 0.13, 0.00, 0.09
HSL	201°, 66%, 75%
HSV	201°, 37%, 91%
XYZ	48.2140, 54.9284, 85.3128
YIQ	189.6760, -43.0060, -2.5420

Conversions

Conversions Part 2

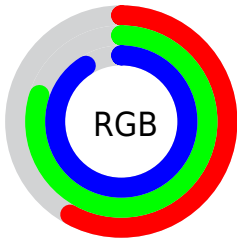
Format	Color
RYB	147, 181, 233
Decimal	9685993
CIELab	79.00, -10.72, -20.59
CIElCh	79, 23.211, 242.494
Yxy	54.9284, 0.2558, 0.2915
Android (android.graphics.Color)	4287876073 (0xFF93CBE9)
YUV	189.6760, 21.3587, -37.4269
Hunter-Lab	74.1137, -13.5775, -16.3696

Details

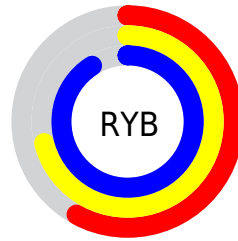
The CIELCh color **79, 23.211, 242.494** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77, 28.490, 54.684**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 17.181, 198.366**, and **59, 23.173, 241.859** is the 20% darker color. If you saturate the color by 10%, you get **76, 28.638, 244.618**, and if you desaturate by 10%, it is **83, 17.355, 240.783**.

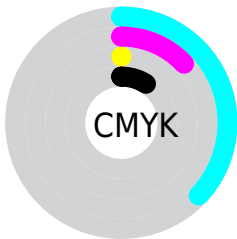
Distribution



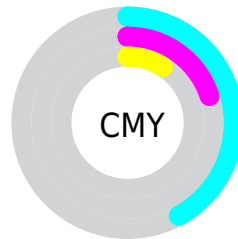
- Red (58%)
- Green (80%)
- Blue (91%)



- Red (58%)
- Yellow (71%)
- Blue (91%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (20%)
- Yellow (9%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 23.211, 242.494 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, 23.211, 242.494 by changing the saturation by 10% instead.

 79, 23.211,
242.494

 79, 23.211,
242.494

 100, 23.211,
242.494

 69, 23.211,
242.494

 99, 23.211,
242.494

 59, 23.211,
242.494

 49, 23.211,
242.494

 39, 23.211,
242.494

 29, 23.211,
242.494

 19, 23.211,
242.494

 9, 23.211, 242.494

0, 23.211, 242.494

79, 23.211,
242.494

79, 23.211,
242.494

76, 28.638,
244.618

83, 17.355,
240.783

72, 33.590,
247.248

86, 11.137,
239.419

69, 38.051,
250.466

90, 4.624, 238.375

66, 42.056,
254.333

94, 2.122, 57.107

64, 45.712,
258.853

97, 6.741, 73.236

61, 49.200,
263.915

99, 9.593, 103.031
99, 11.026,
109.343

■ 60, 50.318,
265.497

Harmonies

Complementary

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



79, 23.211, 242.494



77, 28.490, 54.684

Rectangle

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



79, 23.211, 242.494



79, 23.211, 292.494



79, 23.211, 62.494



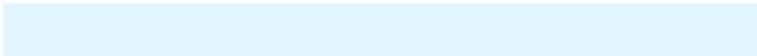
79, 23.211, 112.494

Sweetspot

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



79, 23.210, 242.491



96, 7.891, 238.767



86, 42.837, 152.425



50, 5.289, 238.910



0, 0.000, 0.000



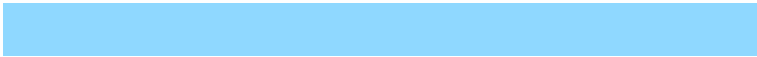
53, 0.007, 296.813

Same Dimension

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



79, 23.210, 242.491



83, 29.141, 244.006



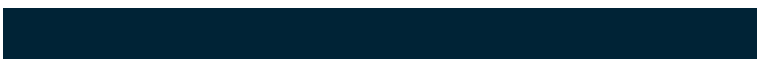
68, 39.582, 287.769



47, 3.820, 238.609



47, 41.185, 264.577



12, 16.150, 255.637

Inverse Universe

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



71, 43.043, 339.276



73, 54.802, 339.987



87, 37.417, 98.105



46, 6.620, 336.977



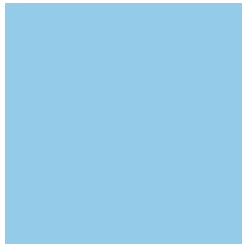
40, 69.347, 348.603



8, 30.616, 344.696

Previews

White Background



This preview shows how the CIE LCh color 79, 23.211, 242.494 looks on a white background.

Color Contrast Check

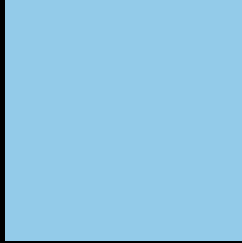
Large Text (above 18pt) WCAG AA × Fail

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, 23.211, 242.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

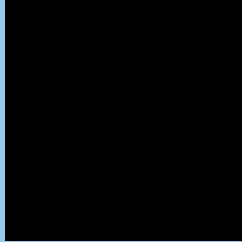
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 23.211, 242.494

Background



This preview shows how black text looks on a background with the CIELCh color 79, 23.211, 242.494.



This preview shows how white text looks on a background with the CIELCh color 79, 23.211, 242.494.

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, 23.211, 242.494

Protanopia

79, 18.210, 287.537

Deuteranopia

79, 24.113, 293.909



Tritanopia
79, 21.176, 223.752

Trichromacy



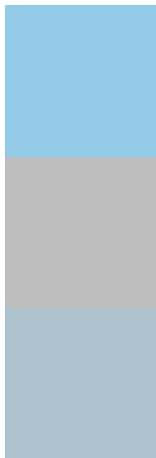
Original Color
79, 23.211, 242.494

Protanomaly
79, 18.488, 267.391

Deuteranomaly
79, 22.081, 275.751

Tritanomaly
79, 21.671, 231.383

Monochromacy



Original Color
79, 23.211, 242.494

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 9.284, 238.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 23.211, 242.494 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(147, 203, 233)` looks like.

```
.text, #text, p{  
    color:rgb(147, 203, 233)  
}
```

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(147, 203, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 203, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 23.211, 242.494 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(147, 203, 233) }
```

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

```
.border{ border-color:rgb(147, 203, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 203, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 203, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 203, 233); box-shadow:4px 4px 4px 4px rgb(147, 203, 233) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 23.211, 242.494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 203, 233) }
```

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

```
.background{ background-color: rgb(147,  
203, 233) }
```

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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