

Converting Colors

CIELCh(79, 25.890, 254.555)

Have a look what the booklet for
CIELCh(79, 25.890, 254.555)
contains.

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Color

CIELCh(79, 25.692, 253.336)

Conversions

Conversions Part 1

Format	Color
Hex	96CAF1
RGB	150, 202, 241
RGB Percent	59%, 79%, 95%
CMY	0.4127, 0.2088, 0.0559
CMYK	0.38, 0.16, 0.00, 0.06
HSL	206°, 76%, 77%
HSV	206°, 38%, 94%
XYZ	49.4402, 54.9284, 91.0238
YIQ	190.8980, -43.5110, 1.1050

Conversions

Conversions Part 2

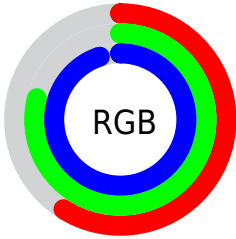
Format	Color
R _Y B	150, 183, 241
Decimal	9882353
CIE Lab	79.00, -7.37, -24.61
CIE LCh	79, 25.692, 253.336
Yxy	54.9284, 0.2530, 0.2811
Android (android.graphics.Color)	4288072433 (0xFF96CAF1)
YUV	190.8980, 24.7003, -35.8675
Hunter-Lab	74.1137, -10.6241, -20.9383

Details

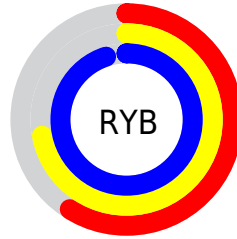
The CIELCh color **79, 25.692, 253.336** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80, 30.103, 63.175**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.940, 198.446**, and **59, 25.768, 253.530** is the 20% darker color. If you saturate the color by 10%, you get **75, 31.895, 255.791**, and if you desaturate by 10%, it is **83, 19.201, 251.308**.

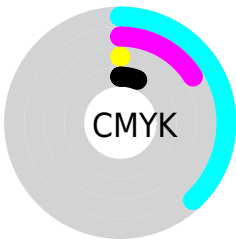
Distribution



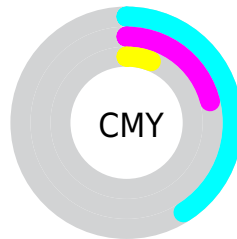
- Red (59%)
- Green (79%)
- Blue (95%)



- Red (59%)
- Yellow (72%)
- Blue (95%)



- Cyan (38%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)





- Cyan (41%)
- Magenta (21%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 25.692, 253.336 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, 25.692, 253.336 by changing the saturation by 10% instead.


 79, 25.692,
253.336


 79, 25.692,
253.336


 100, 25.692,
253.336


 69, 25.692,
253.336


 99, 25.692,
253.336

 59, 25.692,
253.336

 49, 25.692,
253.336

 39, 25.692,
253.336

 29, 25.692,
253.336

 19, 25.692,
253.336

 9, 25.692, 253.336

0, 25.692, 253.336

79, 25.692,
253.336

79, 25.692,
253.336

75, 31.895,
255.791

83, 19.201,
251.308

71, 37.793,
258.751

87, 12.463,
249.645

67, 43.403,
262.271

92, 5.524, 248.306

96, 1.570, 66.754

64, 48.790,
266.368

99, 6.402, 104.413

60, 54.079,
270.984

100, 7.210,
109.628

57, 59.437,
275.931

■ 56, 60.661,
276.990

Harmonies

Complementary

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



79, 25.692, 253.336



80, 30.103, 63.175

Rectangle

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



79, 25.692, 253.336



79, 25.692, 303.336



79, 25.692, 73.336



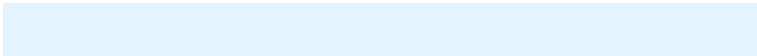
79, 25.692, 123.336

Sweetspot

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



79, 25.691, 253.334



95, 8.139, 248.702



88, 42.122, 155.883



50, 5.460, 248.880



0, 0.000, 0.000



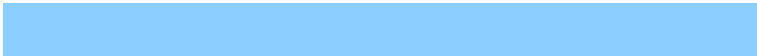
53, 0.007, 296.813

Same Dimension

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



79, 25.691, 253.334



80, 31.625, 255.093



67, 46.027, 291.905



48, 4.006, 248.506



44, 48.766, 276.079



11, 18.891, 267.811

Inverse Universe

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



73, 42.989, 343.388



73, 53.272, 344.238



91, 42.476, 102.609



47, 6.370, 340.693



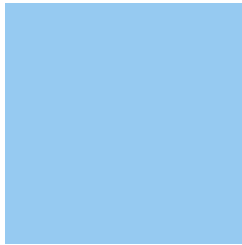
40, 67.500, 355.379



9, 30.256, 350.266

Previews

White Background



This preview shows how the CIE LCh color 79, 25.692, 253.336 looks on a white background.

Color Contrast Check

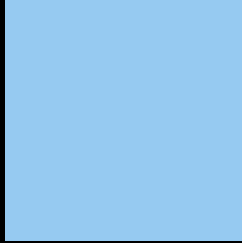
Large Text (above 18pt) WCAG AA × Fail

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, 25.692, 253.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

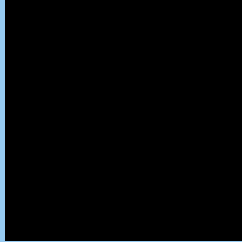
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

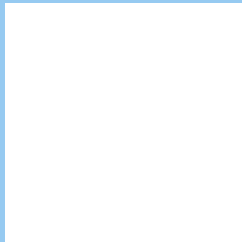
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 25.692, 253.336

Background



This preview shows how black text looks on a background with the CIELCh color 79, 25.692, 253.336.



This preview shows how white text looks on a background with the CIELCh color 79, 25.692, 253.336.

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, 25.692, 253.336

Protanopia
79, 22.526, 286.271

Deuteranopia
79, 27.823, 291.306



Tritanopia
79, 20.924, 224.098

Trichromacy



Original Color
79, 25.692, 253.336

Protanomaly
79, 22.903, 273.145

Deuteranomaly
79, 25.719, 277.963

Tritanomaly
79, 21.957, 236.108

Monochromacy



Original Color
79, 25.692, 253.336

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 9.861, 248.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 25.692, 253.336 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(150, 202, 241)` looks like.

```
.text, #text, p{  
    color:rgb(150, 202, 241)  
}
```

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(150, 202, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 202, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 25.692, 253.336 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(150, 202, 241) }
```

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

```
.border{ border-color:rgb(150, 202, 241) }
```

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

Here you see how a box with a 4 pixel rgb(150, 202, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 202, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 202, 241);  
box-shadow:4px 4px 4px 4px rgb(150, 202,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 25.692, 253.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 202, 241) }
```

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

```
.background{ background-color: rgb(150,  
202, 241) }
```

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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