

Converting Colors

CIELCh(79, 31.217, 233.584)

Have a look what the booklet for
CIELCh(79, 31.217, 233.584)
contains.

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Color

CIELCh(79, 31.057, 232.789)

Conversions

Conversions Part 1

Format	Color
Hex	73D0F1
RGB	115, 208, 241
RGB Percent	45%, 82%, 95%
CMY	0.5502, 0.1854, 0.0561
CMYK	0.52, 0.14, 0.00, 0.06
HSL	196°, 82%, 70%
HSV	196°, 52%, 94%
XYZ	45.3484, 54.9284, 91.1996
YIQ	183.9550, -66.0210, -9.4530

Conversions

Conversions Part 2

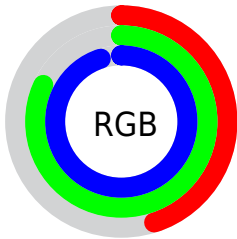
Format	Color
R_{YB}	115, 169, 241
Decimal	7590129
CIE _{Lab}	79.00, -18.78, -24.73
CIE _{LCh}	79, 31.057, 232.789
Yxy	54.9284, 0.2368, 0.2869
Android (android.graphics.Color)	4285780209 (0xFF73D0F1)
YUV	183.9550, 28.1232, -60.4735
Hunter-Lab	74.1137, -20.4791, -21.0789

Details

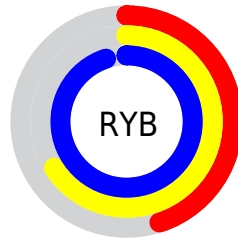
The CIELCh color **79, 31.057, 232.789** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **70, 45.234, 45.442**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 25.662, 197.835**, and **59, 31.014, 232.362** is the 20% darker color. If you saturate the color by 10%, you get **76, 35.138, 235.106**, and if you desaturate by 10%, it is **82, 26.268, 230.969**.

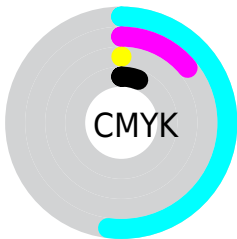
Distribution



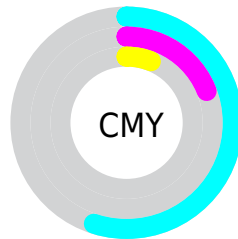
- Red (45%)
- Green (82%)
- Blue (95%)



- Red (45%)
- Yellow (66%)
- Blue (95%)



- Cyan (52%)
- Magenta (14%)
- Yellow (0%)
- Black (6%)





- Cyan (55%)
- Magenta (19%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 31.057, 232.789 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, 31.057, 232.789 by changing the saturation by 10% instead.


 79, 31.057,
232.789

 79, 31.057,
232.789


 100, 31.057,
232.789


 69, 31.057,
232.789


 99, 31.057,
232.789

 59, 31.057,
232.789

 49, 31.057,
232.789

 39, 31.057,
232.789

 29, 31.057,
232.789

 19, 31.057,
232.789

 9, 31.057, 232.789

0, 31.057, 232.789

79, 31.057,
232.789

79, 31.057,
232.789

76, 35.138,
235.106

82, 26.268,
230.969

74, 38.489,
238.020

85, 20.842,
229.560

72, 41.149,
241.609

88, 14.867,
228.481

70, 43.246,
245.905

91, 8.437, 227.678

68, 44.651,
249.550

94, 1.644, 227.341

97, 4.159, 55.594

99, 5.743, 98.377

100, 7.235,
109.626

Harmonies

Complementary

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



79, 31.057, 232.789



70, 45.234, 45.442

Rectangle

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



79, 31.057, 232.789



79, 31.057, 282.789



79, 31.057, 52.789



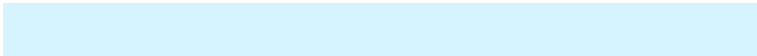
79, 31.057, 102.789

Sweetspot

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



79, 31.056, 232.788



94, 11.349, 227.944



86, 65.316, 147.379



50, 7.620, 228.109



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, 31.056, 232.788



80, 37.033, 235.328



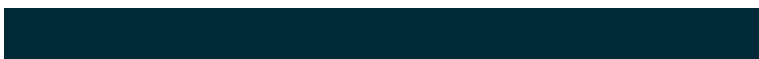
62, 53.165, 286.599



48, 3.896, 227.499



53, 36.241, 248.644



15, 15.238, 241.050

Inverse Universe

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



66, 64.792, 336.694



65, 78.805, 337.700



85, 50.463, 90.607



47, 7.170, 333.383



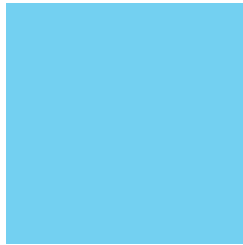
41, 73.978, 342.155



9, 33.133, 339.740

Previews

White Background



This preview shows how the CIELCh color 79, 31.057, 232.789 looks on a white background.

Color Contrast Check

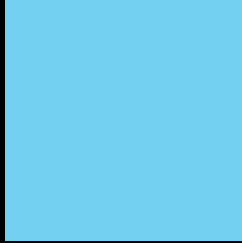
Large Text (above 18pt) WCAG AA × Fail

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, 31.057, 232.789 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, 31.057, 232.789

Background



This preview shows how black text looks on a background with the CIELCh color 79, 31.057, 232.789.

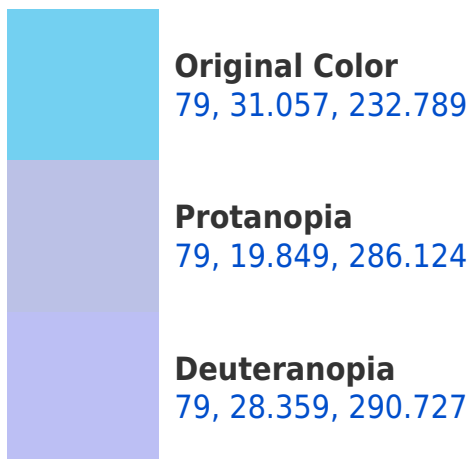


This preview shows how white text looks on a background with the CIELCh color 79, 31.057, 232.789.

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](#).

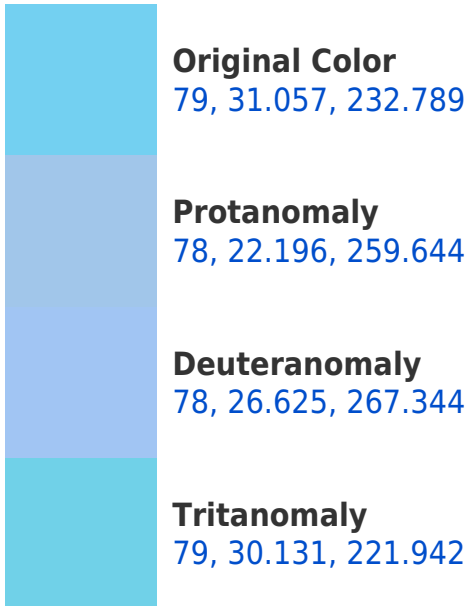
Dichromacy



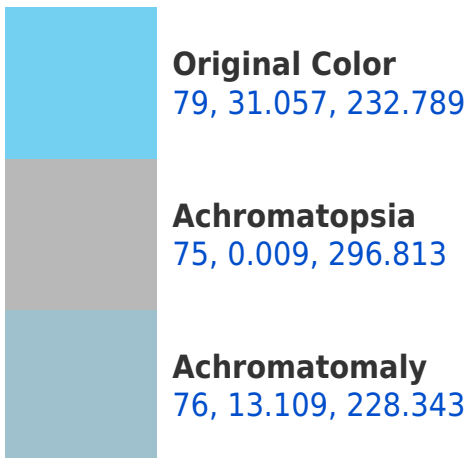


Tritanopia
79, 30.208, 215.165

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 31.057, 232.789 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(115, 208, 241)` looks like.

```
.text, #text, p{  
    color:rgb(115, 208, 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(115, 208, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 208, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 31.057, 232.789 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(115, 208, 241) }
```

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

```
.border{ border-color:rgb(115, 208, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 208, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 208, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 208, 241); box-shadow:4px 4px 4px 4px rgb(115, 208, 241) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 31.057, 232.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 208, 241) }
```

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

```
.background{ background-color: rgb(115,  
208, 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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