

Converting Colors

CIELCh(78, 39.363, 237.881)

Have a look what the booklet for
CIELCh(78, 39.363, 237.881)
contains.

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Color

CIELCh(78, 39.363, 237.881)

Conversions

Conversions Part 1

Format	Color
Hex	4DCFFE
RGB	77, 207, 254
RGB Percent	30%, 81%, 100%
CMY	0.6993, 0.1892, 0.0049
CMYK	0.70, 0.19, 0.00, 0.00
HSL	196°, 99%, 65%
HSV	196°, 70%, 100%
XYZ	43.1369, 53.2120, 101.5529
YIQ	173.4880, -92.5670, -12.9430

Conversions

Conversions Part 2

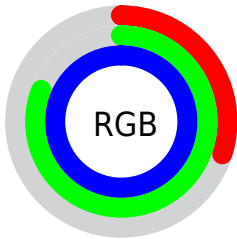
Format	Color
RYB	77, 152, 254
Decimal	5099518
CIELab	78.00, -20.93, -33.34
CIELCh	78, 39.363, 237.881
Yxy	53.2120, 0.2180, 0.2689
Android (android.graphics.Color)	4283289598 (0xFF4DCFFE)
YUV	173.4880, 39.6924, -84.6200
Hunter-Lab	72.9466, -22.1005, -31.4783

Details

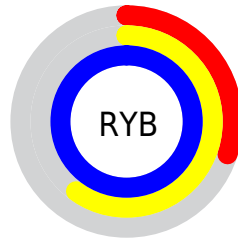
The CIELCh color **78, 39.363, 237.881** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **66, 66.847, 46.097**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.085, 197.384**, and **59, 36.756, 240.832** is the 20% darker color. If you saturate the color by 10%, you get **76, 42.339, 241.355**, and if you desaturate by 10%, it is **81, 35.654, 235.073**.

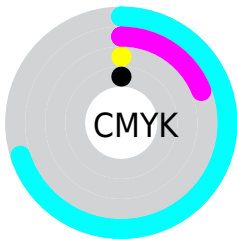
Distribution



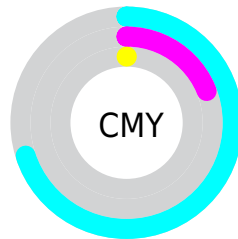
- Red (30%)
- Green (81%)
- Blue (100%)



- Red (30%)
- Yellow (60%)
- Blue (100%)



- Cyan (70%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (70%)
- Magenta (19%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 39.363, 237.881 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, 39.363, 237.881 by changing the saturation by 10% instead.


 78, 39.363,
237.881


 78, 39.363,
237.881


 100, 39.363,
237.881


 68, 39.363,
237.881


 98, 39.363,
237.881

 58, 39.363,
237.881

 48, 39.363,
237.881

 38, 39.363,
237.881

 28, 39.363,
237.881

 18, 39.363,
237.881

 8, 39.363, 237.881

0, 39.363, 237.881

78, 39.363,
237.881

78, 39.363,
237.881

76, 42.339,
241.355

81, 35.654,
235.073

73, 44.700,
245.540

83, 31.191,
232.846

71, 46.693,
250.323

86, 26.011,
231.103

71, 46.737,
250.426

90, 20.191,
229.754

93, 13.826,
228.723

96, 7.013, 227.968

100, 0.155, 43.238

100, 0.622,
110.007

Harmonies

Complementary

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



78, 39.363, 237.881



66, 66.847, 46.097

Rectangle

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



78, 39.363, 237.881



78, 39.363, 287.881



78, 39.363, 57.881



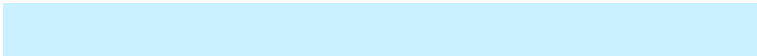
78, 39.363, 107.881

Sweetspot

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



78, 39.362, 237.881



93, 14.684, 228.834



89, 87.220, 144.728



49, 9.859, 229.099



0, 0.000, 0.000



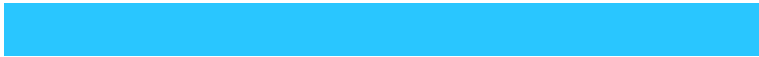
53, 0.007, 296.813

Same Dimension

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



78, 39.362, 237.881



75, 43.567, 243.041



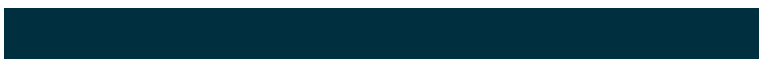
54, 76.020, 291.658



51, 4.095, 227.952



55, 37.561, 249.514



17, 16.679, 242.897

Inverse Universe

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



62, 83.976, 338.571



59, 92.127, 340.288



86, 68.666, 88.155



50, 7.524, 333.525



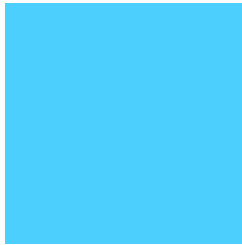
43, 76.036, 342.452



11, 35.771, 340.301

Previews

White Background



This preview shows how the CIELCh color 78, 39.363, 237.881 looks on a white background.

Color Contrast Check

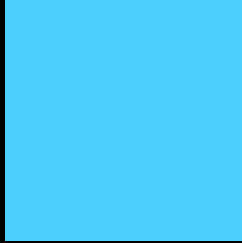
Large Text (above 18pt) WCAG AA × Fail

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, 39.363, 237.881 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

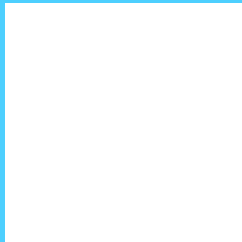
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 39.363, 237.881

Background



This preview shows how black text looks on a background with the CIELCh color 78, 39.363, 237.881.

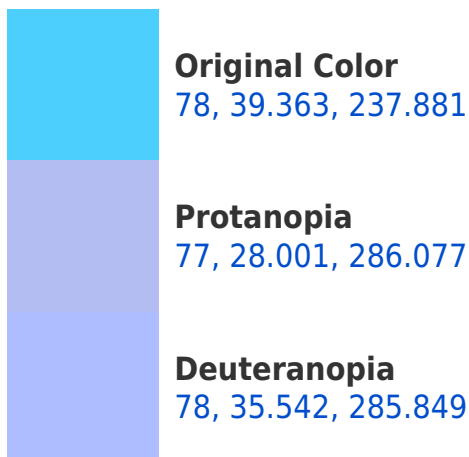


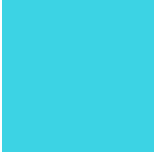
This preview shows how white text looks on a background with the CIELCh color 78, 39.363, 237.881.

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
78, 38.375, 210.809

Trichromacy



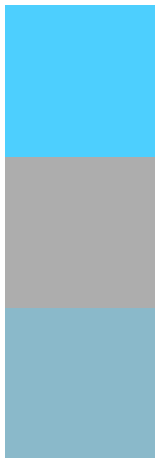
Original Color
78, 39.363, 237.881

Protanomaly
77, 30.924, 261.877

Deuteranomaly
77, 35.267, 265.707

Tritanomaly
78, 37.783, 220.850

Monochromacy



Original Color
78, 39.363, 237.881

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 17.760, 229.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 39.363, 237.881 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(77, 207, 254)` looks like.

```
.text, #text, p{  
    color:rgb(77, 207, 254)  
}
```

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(77, 207, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 207, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 39.363, 237.881 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(77, 207, 254) }
```

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

```
.border{ border-color:rgb(77, 207, 254) }
```

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

Here you see how a box with a 4 pixel rgb(77, 207, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 207, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 207, 254);  
box-shadow:4px 4px 4px 4px rgb(77, 207,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 39.363, 237.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 207, 254) }
```

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

```
.background{ background-color: rgb(77, 207,  
254) }
```

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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