

Converting Colors

CIELCh(78, 28.113, 236.093)

Have a look what the booklet for
CIELCh(78, 28.113, 236.093)
contains.

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Color

CIELCh(78, 28.071, 236.075)

Conversions

Conversions Part 1

Format	Color
Hex	7DCBEB
RGB	125, 203, 235
RGB Percent	49%, 80%, 92%
CMY	0.5088, 0.2030, 0.0775
CMYK	0.47, 0.14, 0.00, 0.08
HSL	197°, 74%, 71%
HSV	197°, 47%, 92%
XYZ	44.9335, 53.2120, 86.6818
YIQ	183.3260, -56.7600, -6.5840

Conversions

Conversions Part 2

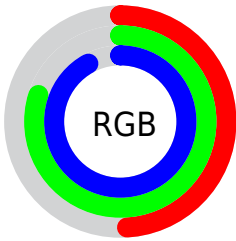
Format	Color
RYB	125, 171, 235
Decimal	8244203
CIELab	78.00, -15.67, -23.29
CIELCh	78, 28.071, 236.075
Yxy	53.2120, 0.2431, 0.2879
Android (android.graphics.Color)	4286434283 (0xFF7DCBEB)
YUV	183.3260, 25.4753, -51.1519
Hunter-Lab	72.9466, -17.7044, -19.3913

Details

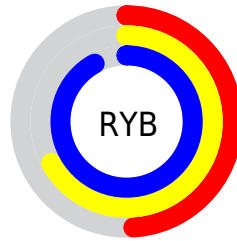
The CIELCh color **78, 28.071, 236.075** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **72, 38.327, 48.244**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.133, 197.991**, and **58, 28.057, 235.604** is the 20% darker color. If you saturate the color by 10%, you get **75, 32.630, 238.331**, and if you desaturate by 10%, it is **81, 22.909, 234.290**.

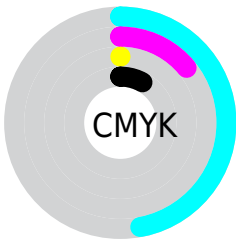
Distribution



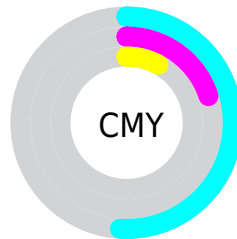
- Red (49%)
- Green (80%)
- Blue (92%)



- Red (49%)
- Yellow (67%)
- Blue (92%)



- Cyan (47%)
- Magenta (14%)
- Yellow (0%)
- Black (8%)





- Cyan (51%)
- Magenta (20%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 28.071, 236.075 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, 28.071, 236.075 by changing the saturation by 10% instead.


 78, 28.071,
236.075

 78, 28.071,
236.075


 100, 28.071,
236.075


 68, 28.071,
236.075


 98, 28.071,
236.075

 58, 28.071,
236.075

 48, 28.071,
236.075

 38, 28.071,
236.075

 28, 28.071,
236.075

 18, 28.071,
236.075

 8, 28.071, 236.075

0, 28.071, 236.075

78, 28.071,
236.075

78, 28.071,
236.075

75, 32.630,
238.331

81, 22.909,
234.290

72, 36.548,
241.157

84, 17.216,
232.894

70, 39.838,
244.636

87, 11.075,
231.813

68, 42.586,
248.816

91, 4.569, 231.030

65, 44.969,
253.653

94, 2.224, 49.978

65, 45.741,
255.259

97, 5.992, 69.832

99, 8.180, 99.805

100, 10.002,
109.420

Harmonies

Complementary

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



78, 28.071, 236.075



72, 38.327, 48.244

Rectangle

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



78, 28.071, 236.075



78, 28.071, 286.075



78, 28.071, 56.075



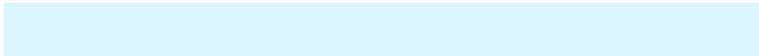
78, 28.071, 106.075

Sweetspot

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



78, 28.070, 236.073



95, 9.940, 231.570



85, 56.289, 149.314



50, 6.827, 231.764



0, 0.000, 0.000



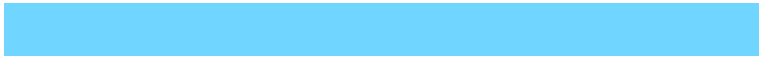
53, 0.007, 296.813

Same Dimension

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



78, 28.070, 236.073



81, 34.451, 238.202



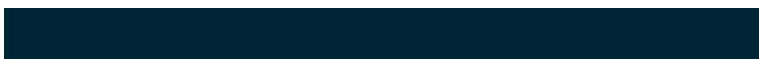
63, 48.276, 287.162



47, 3.809, 231.206



51, 37.316, 254.330



14, 15.117, 245.846

Inverse Universe

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



67, 56.413, 337.501



68, 70.507, 338.399



85, 45.560, 93.694



46, 6.899, 334.535



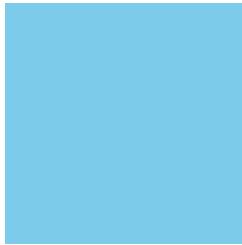
40, 71.815, 344.193



8, 31.649, 341.230

Previews

White Background



This preview shows how the CIELCh color 78, 28.071, 236.075 looks on a white background.

Color Contrast Check

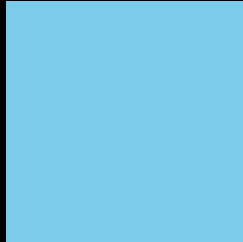
Large Text (above 18pt) WCAG AA × Fail

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, 28.071, 236.075 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, 28.071, 236.075

Background



This preview shows how black text looks on a background with the CIELCh color 78, 28.071, 236.075.



This preview shows how white text looks on a background with the CIELCh color 78, 28.071, 236.075.

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



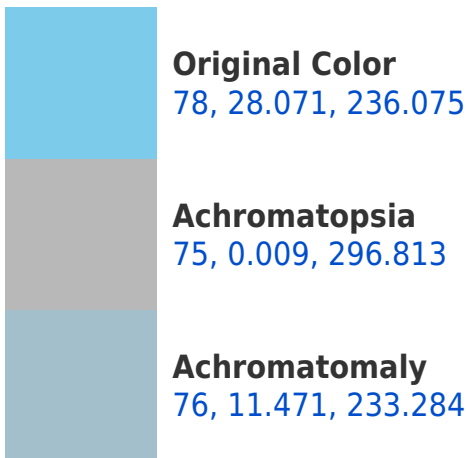


Tritanopia
78, 26.713, 217.846

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 28.071, 236.075 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(125, 203, 235)` looks like.

```
.text, #text, p{  
    color:rgb(125, 203, 235)  
}
```

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(125, 203, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 203, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 28.071, 236.075 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(125, 203, 235) }
```

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

```
.border{ border-color:rgb(125, 203, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 203, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 203, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 203, 235);  
box-shadow:4px 4px 4px 4px rgb(125, 203,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 28.071, 236.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 203, 235) }
```

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

```
.background{ background-color: rgb(125,  
203, 235) }
```

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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