

Converting Colors

CIELCh(74, 27.101, 231.455)

Have a look what the booklet for
CIELCh(74, 27.101, 231.455)
contains.

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Color

CIELCh(74, 27.113, 230.857)

Conversions

Conversions Part 1

Format	Color
Hex	72C1DC
RGB	114, 193, 220
RGB Percent	45%, 76%, 86%
CMY	0.5542, 0.2444, 0.1385
CMYK	0.48, 0.12, 0.00, 0.14
HSL	195°, 60%, 65%
HSV	195°, 48%, 86%
XYZ	38.7706, 46.7039, 74.4546
YIQ	172.4570, -55.7510, -8.3510

Conversions

Conversions Part 2

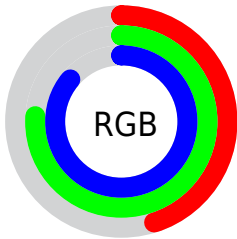
Format	Color
RYB	114, 159, 220
Decimal	7520732
CIELab	74.00, -17.12, -21.03
CIELCh	74, 27.113, 230.857
Yxy	46.7039, 0.2424, 0.2920
Android (android.graphics.Color)	4285710812 (0xFF72C1DC)
YUV	172.4570, 23.4387, -51.2668
Hunter-Lab	68.3403, -18.3293, -16.7564

Details

The CIELCh color `74, 27.113, 230.857` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `66, 38.184, 44.740`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 24.930, 203.873`, and `54, 27.071, 231.571` is the 20% darker color. If you saturate the color by 10%, you get `72, 31.163, 232.869`, and if you desaturate by 10%, it is `77, 22.420, 229.288`.

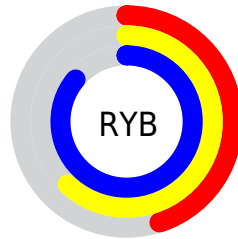
Distribution



Red (45%)

Green (76%)

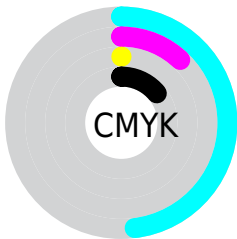
Blue (86%)



Red (45%)

Yellow (62%)

Blue (86%)

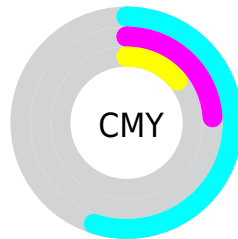


Cyan (48%)

Magenta (12%)

Yellow (0%)

Black (14%)



Cyan (55%)

Magenta (24%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 27.113, 230.857 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 74, 27.113, 230.857 by changing the saturation by 10% instead.

 74, 27.113,
230.857

 74, 27.113,
230.857


 100, 27.113,
230.857


 64, 27.113,
230.857


 94, 27.113,
230.857

 54, 27.113,
230.857

 44, 27.113,
230.857

 34, 27.113,
230.857

 24, 27.113,
230.857

 14, 27.113,
230.857

 4, 27.113, 230.857

0, 27.113, 230.857

74, 27.113,
230.857

74, 27.113,
230.857

72, 31.163,
232.869

77, 22.420,
229.288

69, 34.528,
235.422

79, 17.162,
228.083

67, 37.210,
238.603

82, 11.425,
227.172

65, 39.288,
242.476

85, 5.298, 226.526

63, 40.943,
246.991

88, 1.139, 45.399

63, 41.233,
247.791

91, 7.814, 45.433

93, 10.589, 55.857

■ 95, 11.160, 73.954

■ 96, 12.693, 88.893

Harmonies

Complementary

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



74, 27.113, 230.857



66, 38.184, 44.740

Rectangle

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



74, 27.113, 230.857



74, 27.113, 280.857



74, 27.113, 50.857



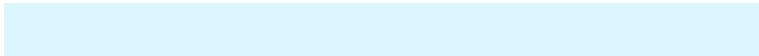
74, 27.113, 100.857

Sweetspot

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



74, 27.112, 230.855



95, 9.998, 226.871



80, 56.277, 147.948



50, 6.863, 227.023



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 27.112, 230.855



82, 34.974, 232.922



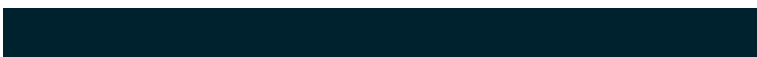
59, 45.209, 285.509



45, 3.628, 226.586



50, 34.397, 246.958



12, 13.288, 237.706

Inverse Universe

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



62, 56.269, 336.004



67, 74.286, 336.891



79, 43.255, 91.191



43, 6.698, 333.099



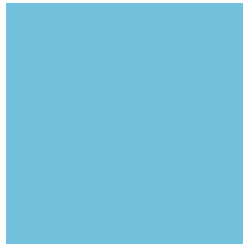
39, 71.313, 341.592



6, 28.899, 338.774

Previews

White Background



This preview shows how the CIELCh color 74, 27.113, 230.857 looks on a white background.

Color Contrast Check

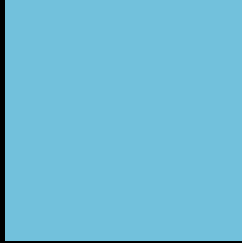
Large Text (above 18pt) WCAG AA × Fail

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 74, 27.113, 230.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

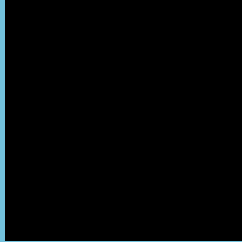
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 27.113, 230.857

Background



This preview shows how black text looks on a background with the CIELCh color 74, 27.113, 230.857.



This preview shows how white text looks on a background with the CIELCh color 74, 27.113, 230.857.

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

74, 27.113, 230.857

Protanopia

74, 17.385, 287.291

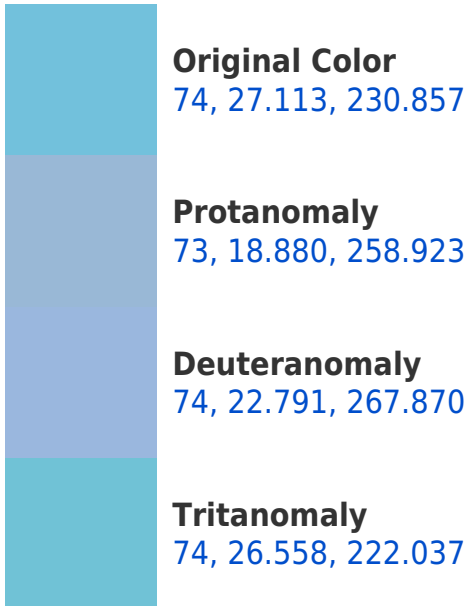
Deuteranopia

74, 24.972, 292.527

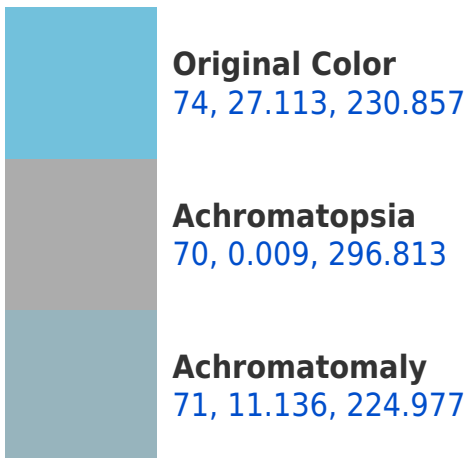


Tritanopia
74, 26.351, 217.044

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 27.113, 230.857 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(114, 193, 220)` looks like.

```
.text, #text, p{  
    color:rgb(114, 193, 220)  
}
```

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(114, 193, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 193, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 27.113, 230.857 is called "border". The border property can be set on classes, ids or directly on the HTML element.

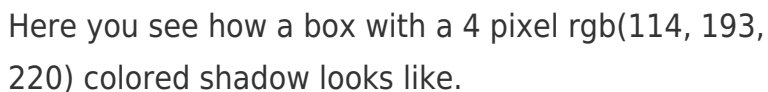
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 193, 220) }
```

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

```
.border{ border-color:rgb(114, 193, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 193, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 193, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 193, 220);  
box-shadow:4px 4px 4px 4px rgb(114, 193,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 27.113, 230.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 193, 220) }
```

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

```
.background{ background-color: rgb(114,  
193, 220) }
```

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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