

Converting Colors

CIELCh(74, 33.254, 226.961)

Have a look what the booklet for
CIELCh(74, 33.254, 226.961)
contains.

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Color

CIELCh(74, 33.291, 227.023)

Conversions

Conversions Part 1

Format	Color
Hex	55C4E2
RGB	85, 196, 226
RGB Percent	33%, 77%, 89%
CMY	0.6683, 0.2327, 0.1151
CMYK	0.63, 0.13, 0.00, 0.12
HSL	193°, 71%, 61%
HSV	193°, 63%, 88%
XYZ	37.0468, 46.7039, 78.7543
YIQ	166.2310, -75.7860, -14.2020

Conversions

Conversions Part 2

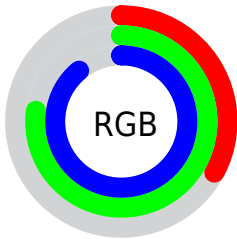
Format	Color
R_{YB}	85, 147, 226
Decimal	5620962
CIE _{Lab}	74.00, -22.69, -24.36
CIE _{LCh}	74, 33.291, 227.023
Yxy	46.7039, 0.2280, 0.2874
Android (android.graphics.Color)	4283811042 (0xFF55C4E2)
YUV	166.2310, 29.4661, -71.2396
Hunter-Lab	68.3403, -22.8319, -20.4867

Details

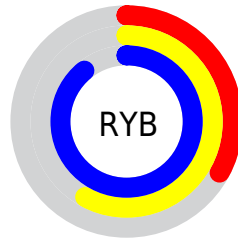
The CIELCh color **74, 33.291, 227.023** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **61, 54.550, 41.684**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 31.972, 199.317**, and **54, 32.278, 228.708** is the 20% darker color. If you saturate the color by 10%, you get **72, 36.159, 229.351**, and if you desaturate by 10%, it is **76, 29.622, 225.207**.

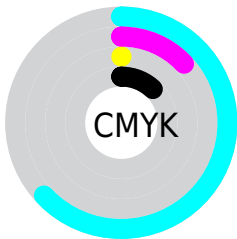
Distribution



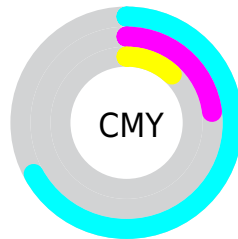
- Red (33%)
- Green (77%)
- Blue (89%)



- Red (33%)
- Yellow (58%)
- Blue (89%)



- Cyan (63%)
- Magenta (13%)
- Yellow (0%)
- Black (12%)





- Cyan (67%)
- Magenta (23%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 33.291, 227.023 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, 33.291, 227.023 by changing the saturation by 10% instead.


 74, 33.291,
227.023

 74, 33.291,
227.023


 100, 33.291,
227.023


 64, 33.291,
227.023


 94, 33.291,
227.023

 54, 33.291,
227.023

 44, 33.291,
227.023

 34, 33.291,
227.023

 24, 33.291,
227.023

 14, 33.291,
227.023

 4, 33.291, 227.023

0, 33.291, 227.023

74, 33.291,
227.023

74, 33.291,
227.023

72, 36.159,
229.351

76, 29.622,
225.207

70, 38.247,
232.280

78, 25.197,
223.818

69, 39.650,
235.868

81, 20.094,
222.775

67, 40.423,
238.903

83, 14.410,
222.012

86, 8.246, 221.484

89, 1.698, 221.371

92, 5.149, 40.650

■ 94, 8.782, 49.050

■ 95, 8.955, 68.343

Harmonies

Complementary

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



74, 33.291, 227.023



61, 54.550, 41.684

Rectangle

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



74, 33.291, 227.023



74, 33.291, 277.023



74, 33.291, 47.023



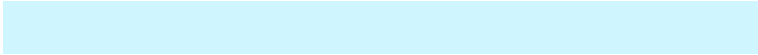
74, 33.291, 97.023

Sweetspot

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



74, 33.290, 227.022



94, 13.571, 221.808



80, 75.261, 144.313



49, 9.258, 221.980



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, 33.290, 227.022



80, 40.435, 230.163



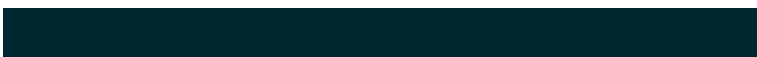
55, 56.976, 286.234



46, 3.755, 221.371



53, 33.488, 238.146



13, 13.558, 230.624

Inverse Universe

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



59, 73.406, 335.365



61, 90.955, 336.481



77, 54.894, 85.363



44, 7.033, 331.539



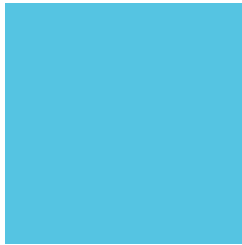
40, 74.266, 338.888



7, 31.113, 336.803

Previews

White Background



This preview shows how the CIE LCh color 74, 33.291, 227.023 looks on a white background.

Color Contrast Check

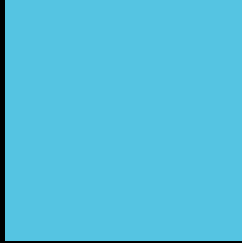
Large Text (above 18pt) WCAG AA × Fail

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, 33.291, 227.023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

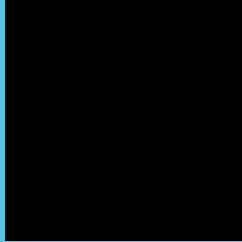
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 33.291, 227.023

Background



This preview shows how black text looks on a background with the CIELCh color 74, 33.291, 227.023.



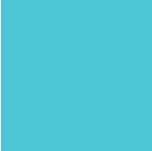
This preview shows how white text looks on a background with the CIELCh color 74, 33.291, 227.023.

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



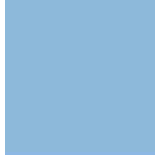


Tritanopia
74, 33.401, 212.349

Trichromacy



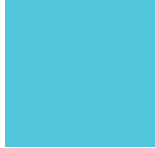
Original Color
74, 33.291, 227.023



Protanomaly
73, 22.254, 252.762



Deuteranomaly
73, 26.795, 262.560



Tritanomaly
74, 33.101, 217.589

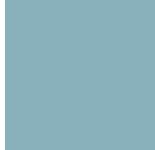
Monochromacy



Original Color
74, 33.291, 227.023



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 15.026, 222.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 33.291, 227.023 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(85, 196, 226)` looks like.

```
.text, #text, p{  
    color:rgb(85, 196, 226)  
}
```

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(85, 196, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 196, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 33.291, 227.023 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(85, 196, 226) }
```

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

```
.border{ border-color:rgb(85, 196, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 196, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 196, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 196, 226);  
box-shadow:4px 4px 4px 4px rgb(85, 196,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 33.291, 227.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 196, 226) }
```

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

```
.background{ background-color: rgb(85, 196,  
226) }
```

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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