

Converting Colors

CIELCh(74, 20.837, 222.867)

Have a look what the booklet for
CIELCh(74, 20.837, 222.867)
contains.

CIELCh(74, 20.837, 222.867)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 20.837, 222.867)

Conversions

Conversions Part 1

Format	Color
Hex	83BFCF
RGB	131, 191, 207
RGB Percent	51%, 75%, 81%
CMY	0.4855, 0.2502, 0.1874
CMYK	0.37, 0.08, 0.00, 0.19
HSL	193°, 44%, 66%
HSV	193°, 37%, 81%
XYZ	39.3516, 46.7039, 66.1011
YIQ	174.8840, -40.8960, -7.7440

Conversions

Conversions Part 2

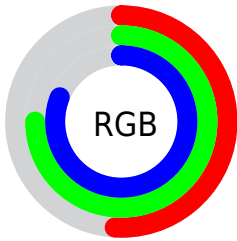
Format	Color
RYB	131, 165, 207
Decimal	8634319
CIELab	74.00, -15.27, -14.18
CIELCh	74, 20.837, 222.867
Yxy	46.7039, 0.2586, 0.3069
Android (android.graphics.Color)	4286824399 (0xFF83BFCF)
YUV	174.8840, 15.8332, -38.4863
Hunter-Lab	68.3403, -16.8118, -9.5092

Details

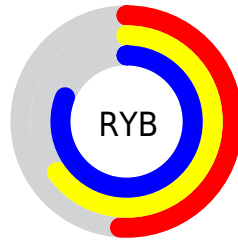
The CIELCh color `74, 20.837, 222.867` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `66, 26.998, 40.362`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 19.672, 210.428`, and `54, 20.881, 224.269` is the 20% darker color. If you saturate the color by 10%, you get `72, 25.358, 224.012`, and if you desaturate by 10%, it is `76, 15.737, 222.014`.

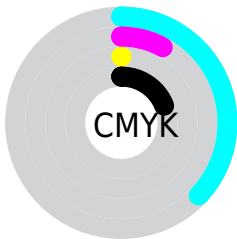
Distribution



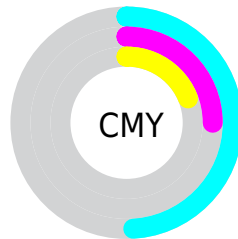
- Red (51%)
- Green (75%)
- Blue (81%)



- Red (51%)
- Yellow (65%)
- Blue (81%)



- Cyan (37%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)





- Cyan (49%)
- Magenta (25%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 20.837, 222.867 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, 20.837, 222.867 by changing the saturation by 10% instead.

 74, 20.837,
222.867

 74, 20.837,
222.867


 100, 20.837,
222.867


 64, 20.837,
222.867


 94, 20.837,
222.867

 54, 20.837,
222.867

 44, 20.837,
222.867

 34, 20.837,
222.867

 24, 20.837,
222.867

 14, 20.837,
222.867

 4, 20.837, 222.867

0, 20.837, 222.867

74, 20.837,
222.867

74, 20.837,
222.867

72, 25.358,
224.012

76, 15.737,
222.014

70, 29.215,
225.529

79, 10.152,
221.410

68, 32.346,
227.497

81, 4.173, 221.047

66, 34.730,
230.004

84, 2.115, 40.355

64, 36.408,
233.127

87, 8.639, 40.366

63, 37.507,
236.895

90, 15.149, 40.543

91, 14.646, 50.806

■ 62, 37.834,
238.207

■ 92, 14.643, 61.410

■ 93, 15.140, 71.637

Harmonies

Complementary

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



74, 20.837, 222.867



66, 26.998, 40.362

Rectangle

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



74, 20.837, 222.867



74, 20.837, 272.867



74, 20.837, 42.867



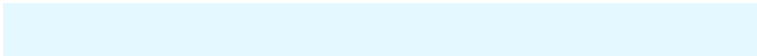
74, 20.837, 92.867

Sweetspot

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



74, 20.837, 222.864



97, 8.043, 221.171



77, 42.861, 147.588



51, 5.385, 221.223



0, 0.000, 0.000



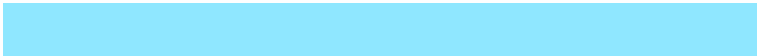
53, 0.007, 296.813

Same Dimension

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



74, 20.837, 222.864



87, 28.579, 223.736



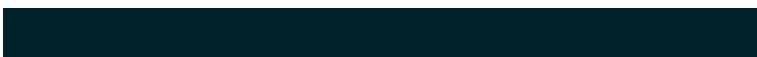
64, 30.257, 279.566



43, 3.547, 221.114



51, 32.348, 237.543



11, 12.199, 228.693

Inverse Universe

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



64, 42.706, 333.312



74, 60.057, 333.877



76, 30.019, 89.024



41, 6.646, 331.459



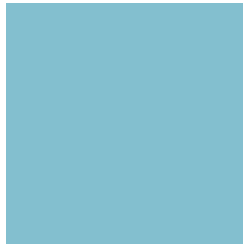
38, 72.010, 338.715



5, 26.440, 336.163

Previews

White Background



This preview shows how the CIE LCh color 74, 20.837, 222.867 looks on a white background.

Color Contrast Check

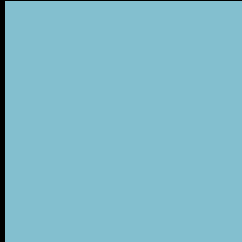
Large Text (above 18pt) WCAG AA × Fail

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, 20.837, 222.867 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

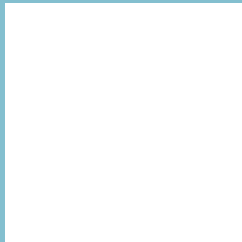
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 20.837, 222.867

Background



This preview shows how black text looks on a background with the CIELCh color 74, 20.837, 222.867.



This preview shows how white text looks on a background with the CIELCh color 74, 20.837, 222.867.

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, 20.837, 222.867

Protanopia

74, 10.844, 289.338

Deuteranopia

74, 18.179, 300.701



Tritanopia
74, 20.837, 222.867

Trichromacy



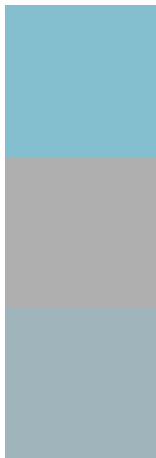
Original Color
74, 20.837, 222.867

Protanomaly
74, 12.594, 254.167

Deuteranomaly
74, 15.578, 269.743

Tritanomaly
74, 20.837, 222.867

Monochromacy



Original Color
74, 20.837, 222.867

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 8.412, 221.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 20.837, 222.867 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(131, 191, 207)` looks like.

```
.text, #text, p{  
    color:rgb(131, 191, 207)  
}
```

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(131, 191, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 191, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 20.837, 222.867 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(131, 191, 207) }
```

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

```
.border{ border-color:rgb(131, 191, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 191, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 191, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 191, 207);  
box-shadow:4px 4px 4px 4px rgb(131, 191,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 20.837, 222.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 191, 207) }
```

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

```
.background{ background-color: rgb(131,  
191, 207) }
```

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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