

Converting Colors

CIELCh(74, 23.727, 229.920)

Have a look what the booklet for
CIELCh(74, 23.727, 229.920)
contains.

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Color

CIELCh(74, 23.564, 228.675)

Conversions

Conversions Part 1

Format	Color
Hex	7DC0D6
RGB	125, 192, 214
RGB Percent	49%, 75%, 84%
CMY	0.5112, 0.2485, 0.1623
CMYK	0.42, 0.10, 0.00, 0.16
HSL	195°, 52%, 66%
HSV	195°, 42%, 84%
XYZ	39.2605, 46.7039, 70.3100
YIQ	174.4750, -46.9940, -7.3620

Conversions

Conversions Part 2

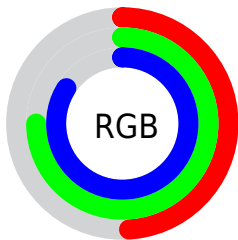
Format	Color
R _{YB}	125, 163, 214
Decimal	8241366
CIE _{Lab}	74.00, -15.56, -17.70
CIE _{LCh}	74, 23.564, 228.675
Yxy	46.7039, 0.2512, 0.2989
Android (android.graphics.Color)	4286431446 (0xFF7DC0D6)
YUV	174.4750, 19.4858, -43.3896
Hunter-Lab	68.3403, -17.0498, -13.1607

Details

The CIELCh color **74, 23.564, 228.675** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 31.484, 43.989**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 21.620, 207.790**, and **54, 23.419, 229.181** is the 20% darker color. If you saturate the color by 10%, you get **72, 27.928, 230.314**, and if you desaturate by 10%, it is **77, 18.609, 227.410**.

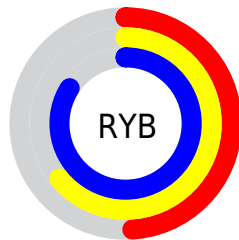
Distribution



Red (49%)

Green (75%)

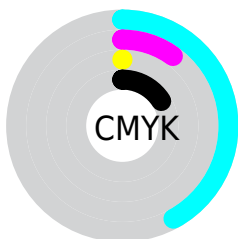
Blue (84%)



Red (49%)

Yellow (64%)

Blue (84%)

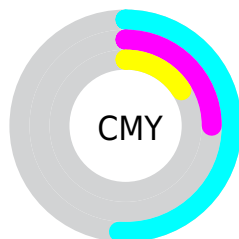


Cyan (42%)

Magenta (10%)

Yellow (0%)

Black (16%)



Cyan (51%)


Magenta (25%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 23.564, 228.675 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, 23.564, 228.675 by changing the saturation by 10% instead.


 74, 23.564,
228.675

 74, 23.564,
228.675


 100, 23.564,
228.675


 64, 23.564,
228.675


 94, 23.564,
228.675

 54, 23.564,
228.675

 44, 23.564,
228.675

 34, 23.564,
228.675

 24, 23.564,
228.675

 14, 23.564,
228.675

 4, 23.564, 228.675

0, 23.564, 228.675

74, 23.564,
228.675

74, 23.564,
228.675

72, 27.928,
230.314

77, 18.609,
227.410

69, 31.635,
232.421

79, 13.148,
226.455

67, 34.651,
235.086

82, 7.271, 225.759

65, 36.998,
238.394

85, 1.060, 225.662

63, 38.774,
242.393

88, 5.411, 44.637

62, 40.006,
246.139

91, 12.076, 44.408

93, 12.515, 57.703

■ 94, 13.043, 72.217

■ 95, 14.322, 84.807

Harmonies

Complementary

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



74, 23.564, 228.675



67, 31.484, 43.989

Rectangle

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



74, 23.564, 228.675



74, 23.564, 278.675



74, 23.564, 48.675



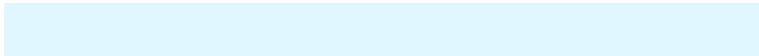
74, 23.564, 98.675

Sweetspot

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



74, 23.563, 228.672



96, 8.631, 225.785



79, 48.475, 148.169



51, 5.706, 225.864



0, 0.000, 0.000



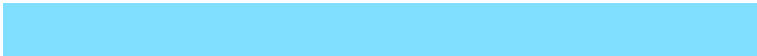
53, 0.007, 296.813

Same Dimension

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



74, 23.563, 228.672



84, 31.383, 230.103



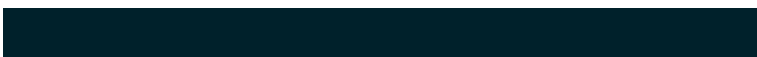
62, 36.987, 282.914



44, 3.567, 225.640



50, 33.732, 245.351



11, 12.769, 235.757

Inverse Universe

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



64, 48.243, 335.148



71, 65.827, 335.860



78, 36.010, 90.864



42, 6.605, 332.811



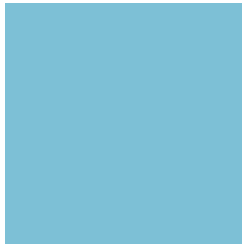
38, 70.919, 341.071



6, 27.481, 338.210

Previews

White Background



This preview shows how the CIE LCh color 74, 23.564, 228.675 looks on a white background.

Color Contrast Check

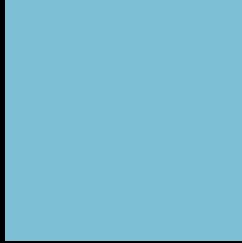
Large Text (above 18pt) WCAG AA × Fail

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, 23.564, 228.675 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, 23.564, 228.675

Background



This preview shows how black text looks on a background with the CIELCh color 74, 23.564, 228.675.



This preview shows how white text looks on a background with the CIELCh color 74, 23.564, 228.675.

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, 23.564, 228.675

Protanopia

74, 14.112, 287.263

Deuteranopia

74, 21.786, 295.814



Tritanopia
74, 23.196, 218.552

Trichromacy



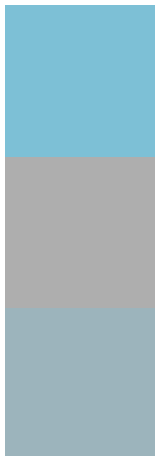
Original Color
74, 23.564, 228.675

Protanomaly
74, 15.881, 257.968

Deuteranomaly
74, 19.489, 270.931

Tritanomaly
74, 23.196, 221.505

Monochromacy



Original Color
74, 23.564, 228.675

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 9.433, 226.465

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 23.564, 228.675 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, 192, 214)` looks like.

```
.text, #text, p{  
    color:rgb(125, 192, 214)  
}
```

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, 192, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 192, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 23.564, 228.675 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, 192, 214) }
```

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

```
.border{ border-color:rgb(125, 192, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 192, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 192, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 192, 214);  
box-shadow:4px 4px 4px 4px rgb(125, 192,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 23.564, 228.675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 192, 214) }
```

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

```
.background{ background-color: rgb(125,  
192, 214) }
```

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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