

Converting Colors

CIELCh(74, 35.189, 219.512)

Have a look what the booklet for
CIELCh(74, 35.189, 219.512)
contains.

CIELCh(74, 35.226, 219.080)	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, 35.226, 219.080)

Conversions

Conversions Part 1

Format	Color
Hex	44C6DE
RGB	68, 198, 222
RGB Percent	27%, 78%, 87%
CMY	0.7315, 0.2251, 0.1310
CMYK	0.69, 0.11, 0.00, 0.13
HSL	189°, 70%, 57%
HSV	189°, 69%, 87%
XYZ	35.6497, 46.7039, 75.9586
YIQ	161.8660, -85.1840, -20.0960

Conversions

Conversions Part 2

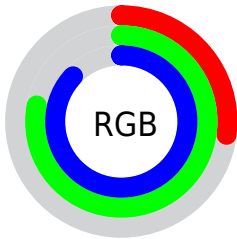
Format	Color
R_{YB}	68, 138, 222
Decimal	4507358
CIE _{Lab}	74.00, -27.34, -22.21
CIE _{LCh}	74, 35.226, 219.080
Yxy	46.7039, 0.2252, 0.2950
Android (android.graphics.Color)	4282697438 (0xFF44C6DE)
YUV	161.8660, 29.6461, -82.3205
Hunter-Lab	68.3403, -26.4810, -18.0612

Details

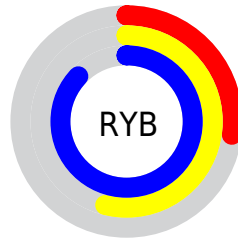
The CIELCh color **74, 35.226, 219.080** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **56, 62.631, 38.466**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 35.363, 197.247**, and **55, 31.856, 221.807** is the 20% darker color. If you saturate the color by 10%, you get **73, 37.304, 220.967**, and if you desaturate by 10%, it is **76, 32.259, 217.628**.

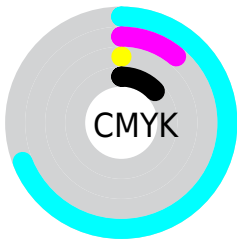
Distribution



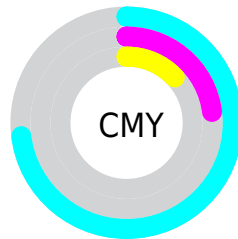
- Red (27%)
- Green (78%)
- Blue (87%)



- Red (27%)
- Yellow (54%)
- Blue (87%)



- Cyan (69%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)




- Cyan (73%)
- Magenta (23%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 35.226, 219.080 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, 35.226, 219.080 by changing the saturation by 10% instead.

 74, 35.226,
219.080

 74, 35.226,
219.080


 100, 35.226,
219.080


 64, 35.226,
219.080


 94, 35.226,
219.080

 54, 35.226,
219.080

 44, 35.226,
219.080

 34, 35.226,
219.080

 24, 35.226,
219.080

 14, 35.226,
219.080

 4, 35.226, 219.080

0, 35.226, 219.080

74, 35.226,
219.080

74, 35.226,
219.080

73, 37.304,
220.967

76, 32.259,
217.628

71, 38.543,
223.355

77, 28.428,
216.543

70, 39.119,
226.242

79, 23.800,
215.761

70, 39.162,
226.509

81, 18.473,
215.226

84, 12.556,
214.892

86, 6.157, 214.746

■ 89, 0.620, 33.614

■ 91, 7.688, 34.513

■ 93, 10.318, 41.094

Harmonies

Complementary

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



74, 35.226, 219.080



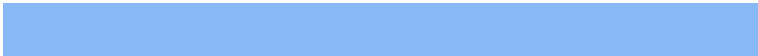
56, 62.631, 38.466

Rectangle

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



74, 35.226, 219.080



74, 35.226, 269.080



74, 35.226, 39.080



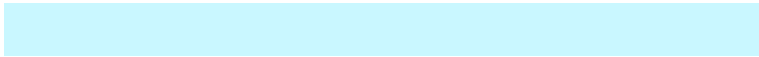
74, 35.226, 89.080

Sweetspot

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



74, 35.225, 219.079



94, 15.366, 214.946



78, 83.347, 141.856



50, 10.303, 215.031



0, 0.000, 0.000



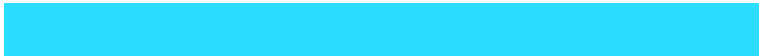
53, 0.007, 296.813

Same Dimension

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



74, 35.225, 219.079



82, 42.215, 221.988



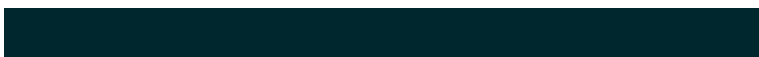
52, 58.044, 284.849



45, 3.805, 214.747



56, 32.617, 225.949



13, 13.193, 220.200

Inverse Universe

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



56, 80.571, 333.459



60, 98.825, 334.468



72, 57.921, 80.176



43, 7.180, 329.601



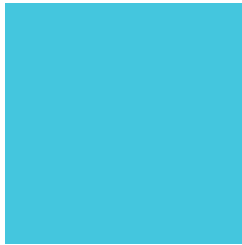
40, 76.620, 335.592



7, 30.953, 334.082

Previews

White Background



This preview shows how the CIE LCh color 74, 35.226, 219.080 looks on a white background.

Color Contrast Check

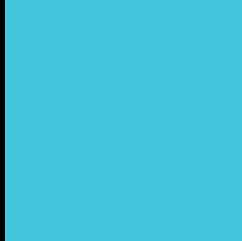
Large Text (above 18pt) WCAG AA × Fail

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, 35.226, 219.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

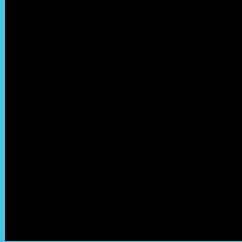
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 35.226, 219.080

Background



This preview shows how black text looks on a background with the CIELCh color 74, 35.226, 219.080.



This preview shows how white text looks on a background with the CIELCh color 74, 35.226, 219.080.

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

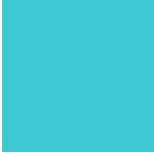
74, 35.356, 218.988

Protanopia

74, 16.306, 286.867

Deuteranopia

74, 26.590, 291.253



Tritanopia
74, 35.767, 211.165

Trichromacy



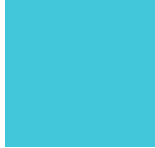
Original Color
74, 35.356, 218.988



Protanomaly
73, 21.534, 243.773



Deuteranomaly
73, 25.744, 256.876

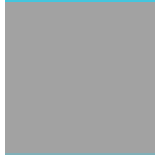


Tritanomaly
74, 35.366, 214.179

Monochromacy



Original Color
74, 35.356, 218.988



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 16.505, 215.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 35.226, 219.080 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(68, 198, 222)` looks like.

```
.text, #text, p{  
    color:rgb(68, 198, 222)  
}
```

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(68, 198, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 198, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 35.226, 219.080 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(68, 198, 222) }
```

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

```
.border{ border-color:rgb(68, 198, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 198, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 198, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 198, 222);  
box-shadow:4px 4px 4px 4px rgb(68, 198,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 35.226, 219.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 198, 222) }
```

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

```
.background{ background-color: rgb(68, 198,  
222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor