

Converting Colors

CIELCh(74, 26.613, 217.545)

Have a look what the booklet for
CIELCh(74, 26.613, 217.545)
contains.

CIELCh(74, 26.662, 218.058)	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, 26.662, 218.058)

Conversions

Conversions Part 1

Format	Color
Hex	6EC2D3
RGB	110, 194, 211
RGB Percent	43%, 76%, 83%
CMY	0.5679, 0.2385, 0.1718
CMYK	0.48, 0.08, 0.00, 0.17
HSL	190°, 54%, 63%
HSV	190°, 48%, 83%
XYZ	37.5669, 46.7039, 68.7838
YIQ	170.8220, -55.5210, -12.5210

Conversions

Conversions Part 2

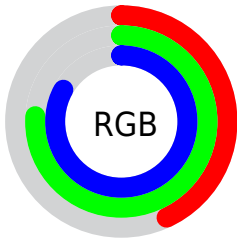
Format	Color
RYB	110, 156, 211
Decimal	7258835
CIELab	74.00, -20.99, -16.44
CIELCh	74, 26.662, 218.058
Yxy	46.7039, 0.2454, 0.3051
Android (android.graphics.Color)	4285448915 (0xFF6EC2D3)
YUV	170.8220, 19.8078, -53.3409
Hunter-Lab	68.3403, -21.4734, -11.8366

Details

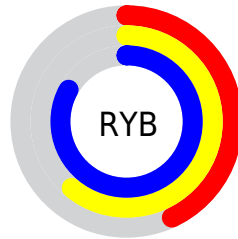
The CIELCh color **74, 26.662, 218.058** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **62, 38.401, 37.011**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 26.297, 202.336**, and **54, 26.633, 217.716** is the 20% darker color. If you saturate the color by 10%, you get **72, 30.457, 219.206**, and if you desaturate by 10%, it is **76, 22.128, 217.217**.

Distribution



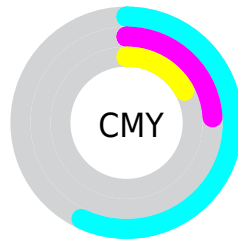
- Red (43%)
- Green (76%)
- Blue (83%)



- Red (43%)
- Yellow (61%)
- Blue (83%)



- Cyan (48%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)





- Cyan (57%)
- Magenta (24%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 26.662, 218.058 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, 26.662, 218.058 by changing the saturation by 10% instead.

 74, 26.662,
218.058

 74, 26.662,
218.058


 100, 26.662,
218.058


 64, 26.662,
218.058


 94, 26.662,
218.058

 54, 26.662,
218.058

 44, 26.662,
218.058

 34, 26.662,
218.058

 24, 26.662,
218.058

 14, 26.662,
218.058

 4, 26.662, 218.058

0, 26.662, 218.058

74, 26.662,
218.058

74, 26.662,
218.058

72, 30.457,
219.206

76, 22.128,
217.217

71, 33.444,
220.736

78, 16.949,
216.632

69, 35.598,
222.719

80, 11.228,
216.255

68, 36.954,
225.225

83, 5.067, 216.080

66, 37.653,
228.276

85, 1.441, 35.454

88, 8.213, 35.760

66, 37.778,
228.969

90, 14.066, 37.038

■ 91, 13.502, 45.940

■ 92, 13.292, 55.353

Harmonies

Complementary

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



74, 26.662, 218.058



62, 38.401, 37.011

Rectangle

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



74, 26.662, 218.058



74, 26.662, 268.058



74, 26.662, 38.058



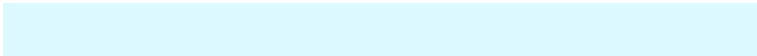
74, 26.662, 88.058

Sweetspot

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



74, 26.662, 218.056



96, 10.390, 216.164



77, 57.506, 145.255



51, 7.128, 216.215



0, 0.000, 0.000



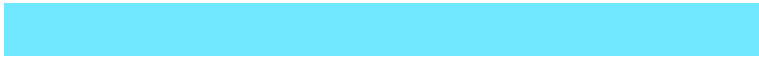
53, 0.007, 296.813

Same Dimension

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



74, 26.662, 218.056



86, 35.030, 219.179



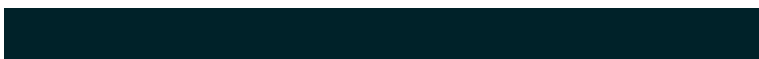
60, 38.772, 279.723



43, 3.631, 216.090



54, 31.898, 228.390



11, 12.259, 221.398

Inverse Universe

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



61, 57.288, 332.482



68, 77.565, 333.142



74, 38.978, 84.806



41, 6.848, 329.988



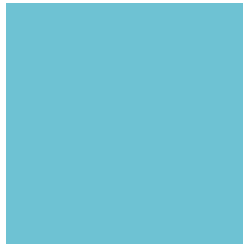
38, 74.308, 336.223



5, 27.323, 334.192

Previews

White Background



This preview shows how the CIELCh color 74, 26.662, 218.058 looks on a white background.

Color Contrast Check

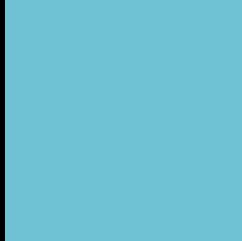
Large Text (above 18pt) WCAG AA × Fail

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, 26.662, 218.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

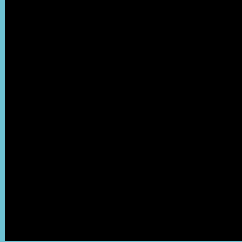
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 26.662, 218.058

Background



This preview shows how black text looks on a background with the CIELCh color 74, 26.662, 218.058.

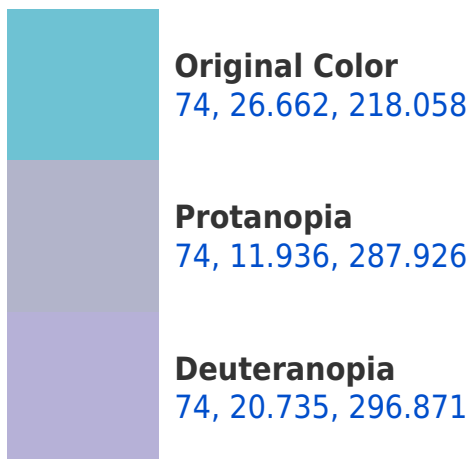


This preview shows how white text looks on a background with the CIELCh color 74, 26.662, 218.058.

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



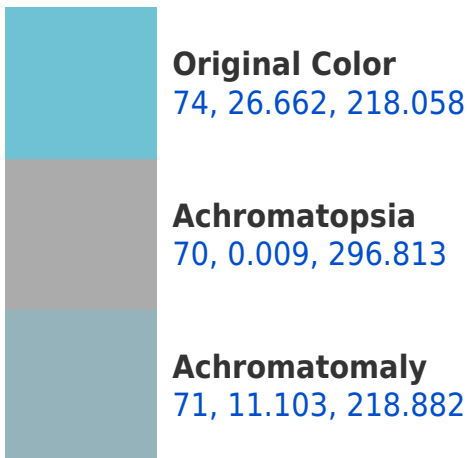


Tritanopia
74, 26.575, 216.861

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 26.662, 218.058 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(110, 194, 211)` looks like.

```
.text, #text, p{  
    color:rgb(110, 194, 211)  
}
```

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(110, 194, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 194, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 26.662, 218.058 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(110, 194, 211) }
```

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

```
.border{ border-color:rgb(110, 194, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 194, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 194, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 194, 211);  
box-shadow:4px 4px 4px 4px rgb(110, 194,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 26.662, 218.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 194, 211) }
```

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

```
.background{ background-color: rgb(110,  
194, 211) }
```

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