

Converting Colors

CIELCh(74, 25.632, 212.460)

Have a look what the booklet for
CIELCh(74, 25.632, 212.460)
contains.

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Color

CIELCh(74, 25.632, 212.460)

Conversions

Conversions Part 1

Format	Color
Hex	71C2CE
RGB	113, 194, 206
RGB Percent	44%, 76%, 81%
CMY	0.5558, 0.2381, 0.1911
CMYK	0.45, 0.06, 0.00, 0.19
HSL	188°, 49%, 63%
HSV	188°, 45%, 81%
XYZ	37.3725, 46.7039, 65.6124
YIQ	171.1490, -52.1280, -13.4400

Conversions

Conversions Part 2

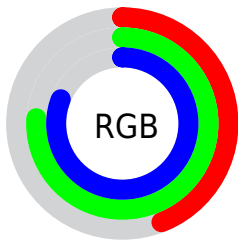
Format	Color
RYB	113, 156, 206
Decimal	7455438
CIELab	74.00, -21.63, -13.76
CIElCh	74, 25.632, 212.460
Yxy	46.7039, 0.2497, 0.3120
Android (android.graphics.Color)	4285645518 (0xFF71C2CE)
YUV	171.1490, 17.1815, -50.9967
Hunter-Lab	68.3403, -21.9812, -9.0851

Details

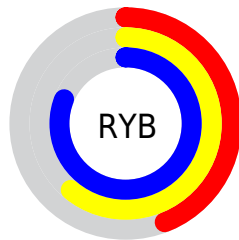
The CIELCh color **74, 25.632, 212.460** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 36.088, 33.524**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 25.490, 202.527**, and **54, 25.624, 213.035** is the 20% darker color. If you saturate the color by 10%, you get **72, 29.616, 213.146**, and if you desaturate by 10%, it is **76, 20.909, 212.001**.

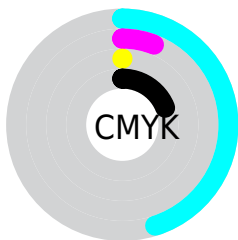
Distribution



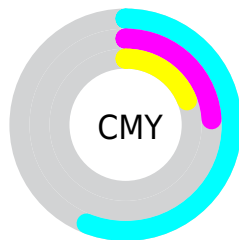
- Red (44%)
- Green (76%)
- Blue (81%)



- Red (44%)
- Yellow (61%)
- Blue (81%)



- Cyan (45%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)




- Cyan (56%)
- Magenta (24%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 25.632, 212.460 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, 25.632, 212.460 by changing the saturation by 10% instead.

 74, 25.632,
212.460

 74, 25.632,
212.460

 100, 25.632,
212.460


 64, 25.632,
212.460


 94, 25.632,
212.460

 54, 25.632,
212.460

 44, 25.632,
212.460

 34, 25.632,
212.460

 24, 25.632,
212.460

 14, 25.632,
212.460

 4, 25.632, 212.460

0, 25.632, 212.460

74, 25.632,
212.460

74, 25.632,
212.460

72, 29.616,
213.146

76, 20.909,
212.001

71, 32.781,
214.115

78, 15.550,
211.735

70, 35.082,
215.418

80, 9.660, 211.632

82, 3.343, 211.735

69, 36.529,
217.110

84, 3.305, 31.478

68, 37.199,
219.233

86, 10.201, 31.748

67, 37.369,
220.385

89, 16.263, 32.636

■ 89, 15.664, 38.185

■ 90, 15.226, 44.113

Harmonies

Complementary

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



74, 25.632, 212.460



61, 36.088, 33.524

Rectangle

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



74, 25.632, 212.460



74, 25.632, 262.460



74, 25.632, 32.460



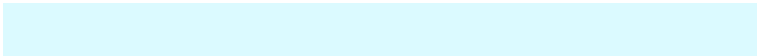
74, 25.632, 82.460

Sweetspot

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



74, 25.632, 212.458



96, 10.679, 211.630



76, 55.312, 144.067



51, 7.325, 211.636



0, 0.000, 0.000



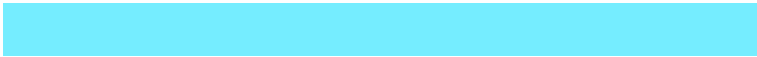
53, 0.007, 296.813

Same Dimension

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



74, 25.632, 212.458



88, 34.573, 213.112



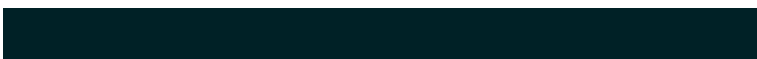
61, 33.460, 275.012



42, 3.658, 211.649



55, 31.788, 219.964



11, 12.021, 214.512

Inverse Universe

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



61, 54.690, 330.881



70, 76.146, 331.460



72, 34.784, 80.911



40, 6.898, 328.696



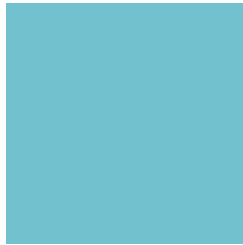
38, 75.725, 334.084



5, 26.150, 332.189

Previews

White Background



This preview shows how the CIE LCh color 74, 25.632, 212.460 looks on a white background.

Color Contrast Check

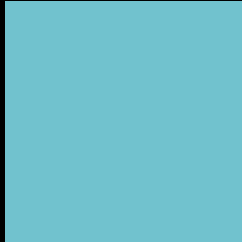
Large Text (above 18pt) WCAG AA × Fail

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, 25.632, 212.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

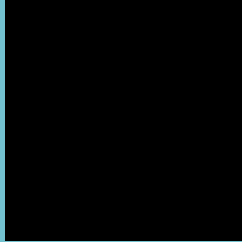
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 25.632, 212.460

Background



This preview shows how black text looks on a background with the CIELCh color 74, 25.632, 212.460.



This preview shows how white text looks on a background with the CIELCh color 74, 25.632, 212.460.

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

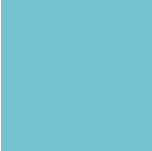
74, 25.632, 212.460

Protanopia

74, 9.220, 288.840

Deuteranopia

74, 18.179, 300.701



Tritanopia
74, 25.585, 216.381

Trichromacy



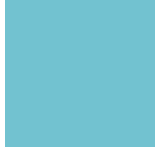
Original Color
74, 25.632, 212.460



Protanomaly
73, 12.906, 238.053



Deuteranomaly
73, 16.022, 261.147

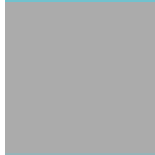


Tritanomaly
74, 25.510, 215.133

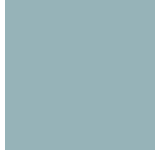
Monochromacy



Original Color
74, 25.632, 212.460



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 10.538, 213.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 25.632, 212.460 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(113, 194, 206)` looks like.

```
.text, #text, p{  
    color:rgb(113, 194, 206)  
}
```

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(113, 194, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 194, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 25.632, 212.460 is called "border". The border property can be set on classes, ids or directly on the HTML element.

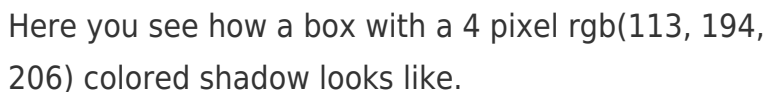
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(113, 194, 206) }
```

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

```
.border{ border-color:rgb(113, 194, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(113, 194, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 194, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 194, 206); box-shadow:4px 4px 4px 4px rgb(113, 194, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 25.632, 212.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 194, 206) }
```

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

```
.background{ background-color: rgb(113,  
194, 206) }
```

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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