

Converting Colors

CIELCh(73, 24.256, 242.751)

Have a look what the booklet for
CIELCh(73, 24.256, 242.751)
contains.

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Color

CIELCh(73, 24.248, 242.714)

Conversions

Conversions Part 1

Format	Color
Hex	80BBDA
RGB	128, 187, 218
RGB Percent	50%, 73%, 85%
CMY	0.4982, 0.2668, 0.1453
CMYK	0.41, 0.14, 0.00, 0.15
HSL	201°, 55%, 68%
HSV	201°, 41%, 85%
XYZ	39.3028, 45.1644, 72.9408
YIQ	172.8930, -45.1150, -2.8670

Conversions

Conversions Part 2

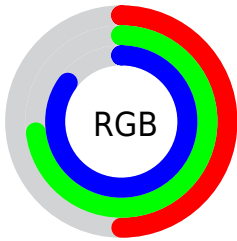
Format	Color
RYB	128, 164, 218
Decimal	8436698
CIELab	73.00, -11.12, -21.55
CIELCh	73, 24.248, 242.714
Yxy	45.1644, 0.2497, 0.2869
Android (android.graphics.Color)	4286626778 (0xFF80BBDA)
YUV	172.8930, 22.2378, -39.3712
Hunter-Lab	67.2044, -13.2167, -17.3077

Details

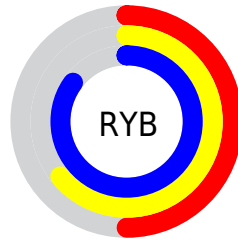
The CIELCh color $73, 24.248, 242.714$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $70, 30.689, 53.935$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 19.734, 216.735$, and $53, 24.206, 242.419$ is the 20% darker color. If you saturate the color by 10%, you get $70, 29.168, 245.009$, and if you desaturate by 10%, it is $76, 18.894, 240.863$.

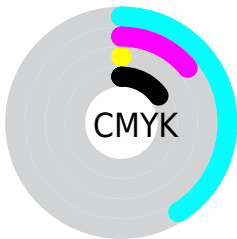
Distribution



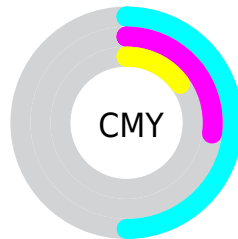
- Red (50%)
- Green (73%)
- Blue (85%)



- Red (50%)
- Yellow (64%)
- Blue (85%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)





- Cyan (50%)
- Magenta (27%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 24.248, 242.714 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 73, 24.248, 242.714 by changing the saturation by 10% instead.


 73, 24.248,
242.714


 73, 24.248,
242.714


 100, 24.248,
242.714


 63, 24.248,
242.714


 93, 24.248,
242.714

 53, 24.248,
242.714

 43, 24.248,
242.714

 33, 24.248,
242.714

 23, 24.248,
242.714

 13, 24.248,
242.714

 3, 24.248, 242.714

■ 0, 24.248, 242.714

■ 73, 24.248,
242.714

■ 73, 24.248,
242.714

■ 70, 29.168,
245.009

■ 76, 18.894,
240.863

■ 67, 33.619,
247.842

■ 80, 13.164,
239.385

■ 64, 37.602,
251.288

■ 83, 7.123, 238.219

■ 61, 41.176,
255.392

■ 87, 0.833, 237.796

■ 59, 44.468,
260.126

■ 90, 5.649, 56.308

■ 57, 47.290,
264.545

■ 93, 11.163, 59.908

■ 95, 12.415, 81.815

■ 97, 15.062, 97.733

■ 99, 18.493,
108.222

Harmonies

Complementary

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



73, 24.248, 242.714



70, 30.689, 53.935

Rectangle

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



73, 24.248, 242.714



73, 24.248, 292.714



73, 24.248, 62.714



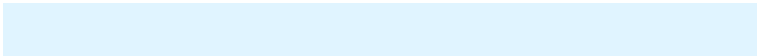
73, 24.248, 112.714

Sweetspot

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



73, 24.247, 242.712



95, 8.585, 238.302



80, 45.224, 151.932



50, 5.680, 238.442



0, 0.000, 0.000



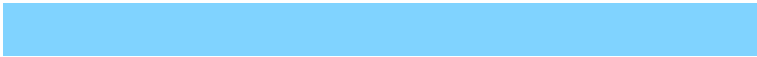
53, 0.007, 296.813

Same Dimension

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



73, 24.247, 242.712



81, 32.389, 244.795



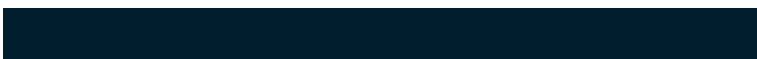
61, 42.266, 288.620



44, 3.611, 238.038



46, 39.481, 263.669



10, 14.372, 253.040

Inverse Universe

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



65, 45.582, 339.467



70, 61.796, 340.392



81, 39.594, 97.601



43, 6.282, 336.777



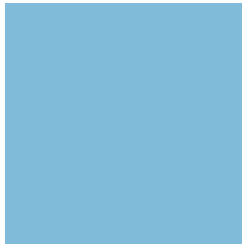
38, 67.371, 348.164



6, 27.232, 343.877

Previews

White Background



This preview shows how the CIELCh color 73, 24.248, 242.714 looks on a white background.

Color Contrast Check

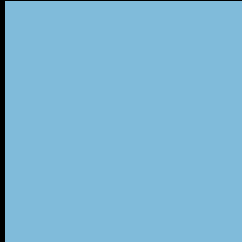
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 24.248, 242.714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

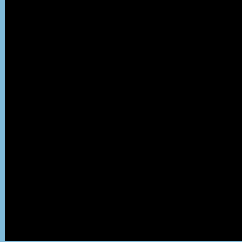
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 24.248, 242.714

Background



This preview shows how black text looks on a background with the CIELCh color 73, 24.248, 242.714.



This preview shows how white text looks on a background with the CIELCh color 73, 24.248, 242.714.

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
73, 24.248, 242.714

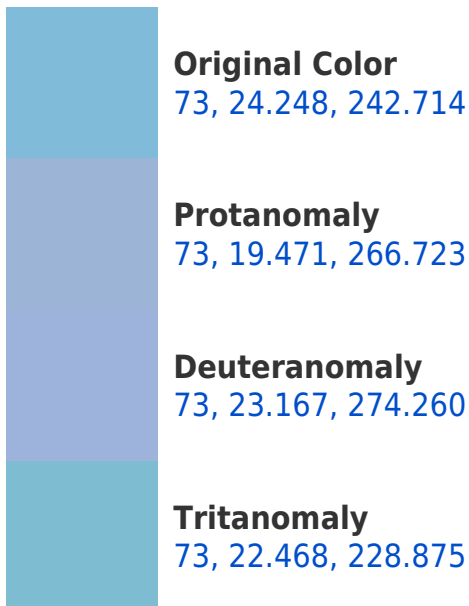
Protanopia
73, 18.523, 286.651

Deuteranopia
73, 25.020, 291.789

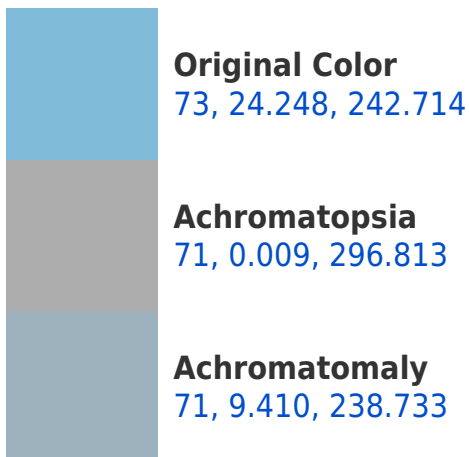


Tritanopia
73, 21.964, 219.919

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 24.248, 242.714 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(128, 187, 218)` looks like.

```
.text, #text, p{  
    color:rgb(128, 187, 218)  
}
```

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(128, 187, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 187, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 24.248, 242.714 is called "border". The border property can be set on classes, ids or directly on the HTML element.

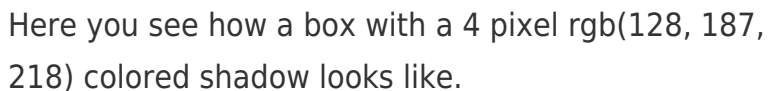
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 187, 218) }
```

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

```
.border{ border-color:rgb(128, 187, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 187, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 187, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 187, 218); box-shadow:4px 4px 4px 4px rgb(128, 187, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 24.248, 242.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 187, 218) }
```

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

```
.background{ background-color: rgb(128,  
187, 218) }
```

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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