

Converting Colors

CIELCh(75, 22.658, 284.376)

Have a look what the booklet for
CIELCh(75, 22.658, 284.376)
contains.

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Color

CIELCh(75, 22.806, 284.760)

Conversions

Conversions Part 1

Format	Color
Hex	AEB7E1
RGB	174, 183, 225
RGB Percent	68%, 72%, 88%
CMY	0.3178, 0.2825, 0.1178
CMYK	0.23, 0.19, 0.00, 0.12
HSL	229°, 46%, 78%
HSV	229°, 23%, 88%
XYZ	47.9564, 48.2781, 77.9947
YIQ	185.0970, -18.8460, 11.1540

Conversions

Conversions Part 2

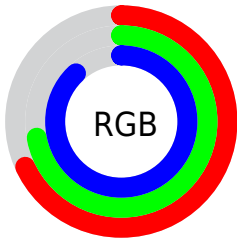
Format	Color
RYB	174, 182, 225
Decimal	11450337
CIELab	75.00, 5.81, -22.05
CIELCh	75, 22.806, 284.760
Yxy	48.2781, 0.2752, 0.2771
Android (android.graphics.Color)	4289640417 (0xFFAEB7E1)
YUV	185.0970, 19.6722, -9.7321
Hunter-Lab	69.4824, 1.6055, -17.9159

Details

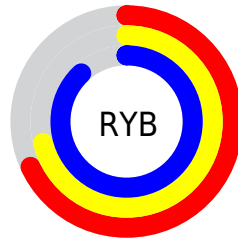
The CIELCh color **75, 22.806, 284.760** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86, 22.141, 99.198**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 8.729, 270.282**, and **55, 23.100, 285.281** is the 20% darker color. If you saturate the color by 10%, you get **69, 33.406, 286.445**, and if you desaturate by 10%, it is **81, 12.549, 283.322**.

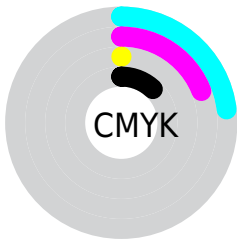
Distribution



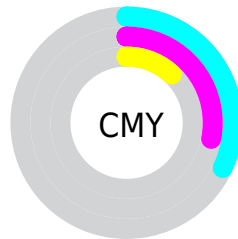
- Red (68%)
- Green (72%)
- Blue (88%)



- Red (68%)
- Yellow (71%)
- Blue (88%)



- Cyan (23%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)





- Cyan (32%)
- Magenta (28%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 22.806, 284.760 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 75, 22.806, 284.760 by changing the saturation by 10% instead.


 75, 22.806,
284.760


 75, 22.806,
284.760


 100, 22.806,
284.760


 65, 22.806,
284.760


 95, 22.806,
284.760

 55, 22.806,
284.760

 45, 22.806,
284.760

 35, 22.806,
284.760

 25, 22.806,
284.760

 15, 22.806,
284.760

 5, 22.806, 284.760

■ 0, 22.806, 284.760

■ 75, 22.806,
284.760

■ 75, 22.806,
284.760

■ 69, 33.406,
286.445

■ 81, 12.549,
283.322

■ 62, 44.386,
288.415

■ 88, 2.612, 282.136

■ 56, 55.774,
290.694

■ 94, 7.030, 100.995

■ 50, 67.570,
293.275

■ 99, 15.199,
109.029

■ 44, 79.674,
296.097

■ 39, 91.750,
299.008

■ 34, 103.043,
301.759

■ 32, 110.174,
303.462

Harmonies

Complementary

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



75, 22.806, 284.760



86, 22.141, 99.198

Rectangle

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



75, 22.806, 284.760



75, 22.806, 334.760



75, 22.806, 104.760



75, 22.806, 154.760

Sweetspot

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



75, 22.804, 284.758



95, 7.615, 282.615



86, 18.264, 182.510



50, 4.952, 282.688



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 22.804, 284.758



81, 30.288, 285.487



74, 28.314, 303.858



44, 5.587, 282.907



24, 90.517, 303.080



4, 27.798, 291.875

Inverse Universe

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



76, 20.100, 7.386



82, 26.800, 7.985



87, 27.112, 121.145



44, 4.849, 5.864



37, 71.317, 30.957



6, 25.284, 13.472

Previews

White Background



This preview shows how the CIELCh color 75, 22.806, 284.760 looks on a white background.

Color Contrast Check

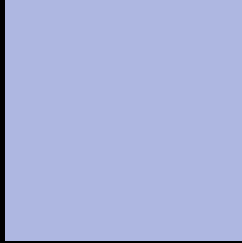
Large Text (above 18pt) WCAG AA × Fail

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 75, 22.806, 284.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

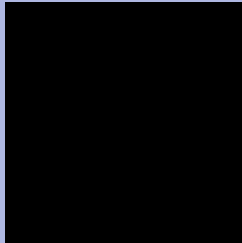
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 22.806, 284.760

Background



This preview shows how black text looks on a background with the CIELCh color 75, 22.806, 284.760.



This preview shows how white text looks on a background with the CIELCh color 75, 22.806, 284.760.

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

75, 22.806, 284.760

Protanopia

75, 22.773, 285.578

Deuteranopia

75, 23.800, 293.191



Tritanopia
75, 9.917, 254.106

Trichromacy



Original Color
75, 22.806, 284.760

Protanomaly
75, 22.773, 285.578

Deuteranomaly
75, 23.236, 289.860

Tritanomaly
75, 13.808, 269.482

Monochromacy



Original Color
75, 22.806, 284.760

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 8.690, 283.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 22.806, 284.760 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(174, 183, 225)` looks like.

```
.text, #text, p{  
    color:rgb(174, 183, 225)  
}
```

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(174, 183, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 183, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 22.806, 284.760 is called "border". The border property can be set on classes, ids or directly on the HTML element.

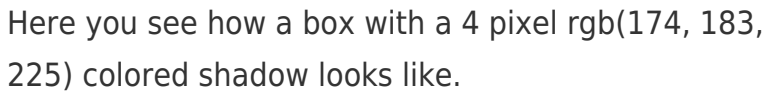
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 183, 225) }
```

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

```
.border{ border-color:rgb(174, 183, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(174, 183, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 183, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 183, 225); box-shadow:4px 4px 4px 4px rgb(174, 183, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 22.806, 284.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 183, 225) }
```

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

```
.background{ background-color: rgb(174,  
183, 225) }
```

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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