

Converting Colors

CIELCh(75, 24.816, 281.777)

Have a look what the booklet for
CIELCh(75, 24.816, 281.777)
contains.

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Color

CIELCh(75, 24.585, 281.707)

Conversions

Conversions Part 1

Format	Color
Hex	AAB8E5
RGB	170, 184, 229
RGB Percent	67%, 72%, 90%
CMY	0.3347, 0.2798, 0.1034
CMYK	0.26, 0.20, 0.00, 0.10
HSL	226°, 53%, 78%
HSV	226°, 26%, 90%
XYZ	47.6600, 48.2781, 80.6661
YIQ	184.9440, -22.7890, 11.0270

Conversions

Conversions Part 2

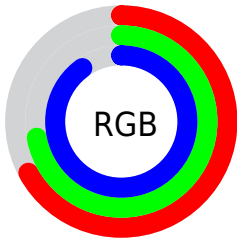
Format	Color
R _Y B	170, 181, 229
Decimal	11188453
CIE Lab	75.00, 4.99, -24.07
CIE LCh	75, 24.585, 281.707
Yxy	48.2781, 0.2699, 0.2734
Android (android.graphics.Color)	4289378533 (0xFFAAB8E5)
YUV	184.9440, 21.7196, -13.1059
Hunter-Lab	69.4824, 0.8440, -20.1954

Details

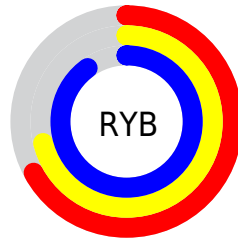
The CIELCh color `75, 24.585, 281.707` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `86, 24.076, 94.952`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 8.972, 258.848`, and `55, 24.409, 281.987` is the 20% darker color. If you saturate the color by 10%, you get `69, 34.589, 283.556`, and if you desaturate by 10%, it is `81, 14.858, 280.127`.

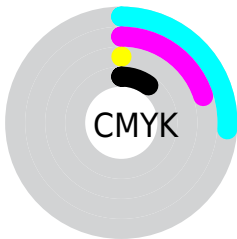
Distribution



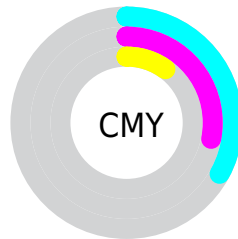
- Red (67%)
- Green (72%)
- Blue (90%)



- Red (67%)
- Yellow (71%)
- Blue (90%)



- Cyan (26%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)





- Cyan (33%)
- Magenta (28%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 24.585, 281.707 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, 24.585, 281.707 by changing the saturation by 10% instead.

 75, 24.585,
281.707


 75, 24.585,
281.707


 100, 24.585,
281.707


 65, 24.585,
281.707


 95, 24.585,
281.707

 55, 24.585,
281.707

 45, 24.585,
281.707

 35, 24.585,
281.707

 25, 24.585,
281.707

 15, 24.585,
281.707

 5, 24.585, 281.707

■ 0, 24.585, 281.707

■ 75, 24.585,
281.707

■ 75, 24.585,
281.707

■ 69, 34.589,
283.556

■ 81, 14.858,
280.127

■ 63, 44.905,
285.714

■ 87, 5.389, 278.795

■ 57, 55.564,
288.206

■ 93, 3.838, 97.542

■ 51, 66.582,
291.025

■ 99, 12.554,
106.561

■ 46, 77.908,
294.106

■ 99, 13.343,
109.169

■ 40, 89.311,
297.299

■ 36, 100.243,
300.363

■ 35, 104.512,
301.502

Harmonies

Complementary

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



75, 24.585, 281.707



86, 24.076, 94.952

Rectangle

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



75, 24.585, 281.707



75, 24.585, 331.707



75, 24.585, 101.707



75, 24.585, 151.707

Sweetspot

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



75, 24.584, 281.705



95, 8.143, 279.071



87, 21.750, 177.052



50, 5.797, 279.266



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, 24.584, 281.705



79, 32.513, 282.666



73, 32.609, 301.801



45, 5.316, 279.252



26, 85.550, 301.033



5, 28.157, 291.394

Inverse Universe

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



75, 23.720, 3.234



80, 31.456, 3.998



88, 30.889, 118.280



45, 5.049, 1.281



37, 69.362, 26.361



7, 26.644, 11.730

Previews

White Background



This preview shows how the CIELCh color 75, 24.585, 281.707 looks on a white background.

Color Contrast Check

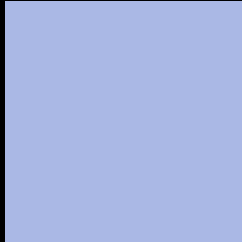
Large Text (above 18pt) WCAG AA × Fail

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 75, 24.585, 281.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

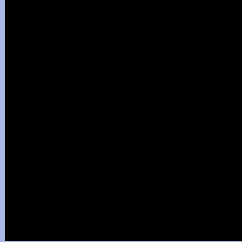
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 24.585, 281.707

Background



This preview shows how black text looks on a background with the CIELCh color 75, 24.585, 281.707.



This preview shows how white text looks on a background with the CIELCh color 75, 24.585, 281.707.

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, 24.585, 281.707

Protanopia

75, 24.405, 285.453

Deuteranopia

75, 25.945, 291.120



Tritanopia
75, 11.191, 245.548

Trichromacy



Original Color
75, 24.585, 281.707

Protanomaly
75, 24.475, 283.947

Deuteranomaly
75, 25.424, 288.073

Tritanomaly
75, 15.275, 266.495

Monochromacy



Original Color
75, 24.585, 281.707

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 8.854, 277.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 24.585, 281.707 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(170, 184, 229)` looks like.

```
.text, #text, p{  
    color:rgb(170, 184, 229)  
}
```

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(170, 184, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 184, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 24.585, 281.707 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(170, 184, 229) }
```

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

```
.border{ border-color:rgb(170, 184, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 184, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 184, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 184, 229);  
box-shadow:4px 4px 4px 4px rgb(170, 184,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 24.585, 281.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 184, 229) }
```

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

```
.background{ background-color: rgb(170,  
184, 229) }
```

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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