

Converting Colors

CIELCh(75, 24.772, 280.020)

Have a look what the booklet for
CIELCh(75, 24.772, 280.020)
contains.

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Color

CIELCh(75, 24.692, 280.252)

Conversions

Conversions Part 1

Format	Color
Hex	A8B8E5
RGB	168, 184, 229
RGB Percent	66%, 72%, 90%
CMY	0.3411, 0.2783, 0.1019
CMYK	0.27, 0.20, 0.00, 0.10
HSL	224°, 54%, 78%
HSV	224°, 27%, 90%
XYZ	47.4466, 48.2781, 80.9662
YIQ	184.3460, -23.9810, 10.6030

Conversions

Conversions Part 2

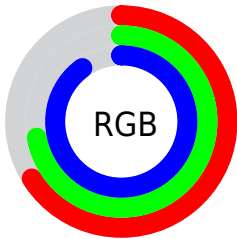
Format	Color
R_{YB}	168, 181, 229
Decimal	11057381
CIE _{Lab}	75.00, 4.39, -24.30
CIE _{LCh}	75, 24.692, 280.252
Yxy	48.2781, 0.2685, 0.2732
Android (android.graphics.Color)	4289247461 (0xFFA8B8E5)
YUV	184.3460, 22.0144, -14.3354
Hunter-Lab	69.4824, 0.2957, -20.4515

Details

The CIELCh color $75, 24.692, 280.252$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86, 24.318, 93.118$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.327, 255.313$, and $55, 24.518, 280.513$ is the 20% darker color. If you saturate the color by 10%, you get $69, 34.393, 282.157$, and if you desaturate by 10%, it is $81, 15.237, 278.623$.

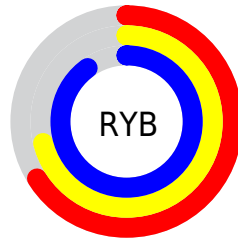
Distribution



Red (66%)

Green (72%)

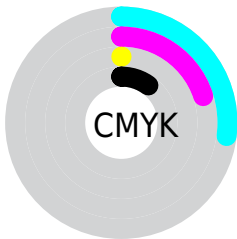
Blue (90%)



Red (66%)

Yellow (71%)

Blue (90%)

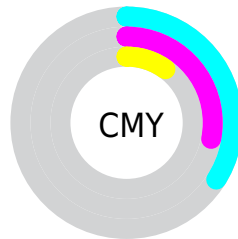


Cyan (27%)

Magenta (20%)

Yellow (0%)

Black (10%)



Cyan (34%)


Magenta (28%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 24.692, 280.252 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, 24.692, 280.252 by changing the saturation by 10% instead.


 75, 24.692,
280.252


 75, 24.692,
280.252


 100, 24.692,
280.252


 65, 24.692,
280.252


 95, 24.692,
280.252

 55, 24.692,
280.252

 45, 24.692,
280.252

 35, 24.692,
280.252

 25, 24.692,
280.252

 15, 24.692,
280.252

 5, 24.692, 280.252

■ 0, 24.692, 280.252

■ 75, 24.692,
280.252

■ 75, 24.692,
280.252

■ 69, 34.393,
282.157

■ 81, 15.237,
278.623

■ 63, 44.370,
284.382

■ 87, 6.011, 277.247

■ 57, 54.658,
286.950

■ 93, 3.000, 95.939

■ 99, 11.514,
103.167

■ 52, 65.281,
289.857

■ 99, 13.144,
109.184

■ 46, 76.207,
293.040

■ 41, 87.261,
296.352

■ 37, 97.989,
299.555

■ 36, 101.420,
300.520

Harmonies

Complementary

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



75, 24.692, 280.252



86, 24.318, 93.118

Rectangle

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



75, 24.692, 280.252



75, 24.692, 330.252



75, 24.692, 100.252



75, 24.692, 150.252

Sweetspot

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



75, 24.691, 280.250



95, 7.920, 277.426



87, 22.692, 175.736



50, 5.637, 277.624



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, 24.691, 280.250



79, 32.591, 281.273



72, 33.716, 301.304



45, 5.170, 277.610



27, 82.846, 300.014



5, 27.512, 290.601

Inverse Universe

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



75, 24.758, 1.528



79, 32.752, 2.322



89, 31.844, 117.543



45, 5.104, 359.469



37, 68.362, 24.275



7, 26.640, 10.507

Previews

White Background



This preview shows how the CIELCh color 75, 24.692, 280.252 looks on a white background.

Color Contrast Check

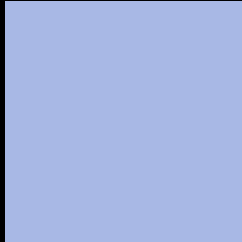
Large Text (above 18pt) WCAG AA × Fail

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, 24.692, 280.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

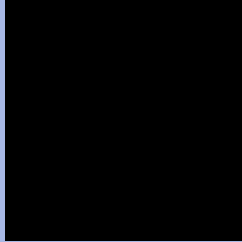
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 24.692, 280.252

Background



This preview shows how black text looks on a background with the CIELCh color 75, 24.692, 280.252.



This preview shows how white text looks on a background with the CIELCh color 75, 24.692, 280.252.

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, 24.692, 280.252

Protanopia

75, 24.405, 285.453

Deuteranopia

75, 26.483, 291.201



Tritanopia
75, 11.887, 242.027

Trichromacy



Original Color
75, 24.692, 280.252

Protanomaly
75, 24.475, 283.947

Deuteranomaly
75, 25.980, 287.510

Tritanomaly
75, 15.671, 263.165

Monochromacy



Original Color
75, 24.692, 280.252

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 8.863, 277.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 24.692, 280.252 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(168, 184, 229)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 184, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 184, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 24.692, 280.252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

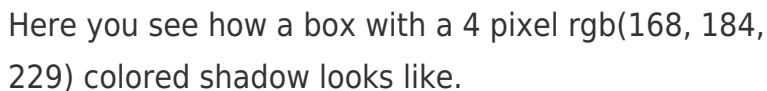
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 184, 229) }
```

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

```
.border{ border-color:rgb(168, 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(168, 184, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 184, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 184, 229);  
box-shadow:4px 4px 4px 4px rgb(168, 184,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 24.692, 280.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 184, 229) }
```

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

```
.background{ background-color: rgb(168,  
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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