

Converting Colors

CIELCh(75, 15.568, 274.525)

Have a look what the booklet for
CIELCh(75, 15.568, 274.525)
contains.

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Color

CIELCh(75, 15.641, 275.111)

Conversions

Conversions Part 1

Format	Color
Hex	ACB9D5
RGB	172, 185, 213
RGB Percent	67%, 73%, 84%
CMY	0.3254, 0.2745, 0.1647
CMYK	0.19, 0.13, 0.00, 0.16
HSL	221°, 33%, 75%
HSV	221°, 19%, 84%
XYZ	46.3777, 48.2781, 69.8315
YIQ	184.3050, -16.7360, 5.9520

Conversions

Conversions Part 2

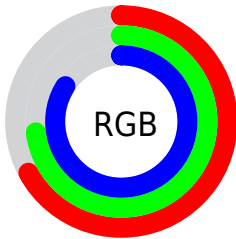
Format	Color
R_{YB}	172, 182, 213
Decimal	11319765
CIE _{Lab}	75.00, 1.39, -15.58
CIE _{LCh}	75, 15.641, 275.111
Yxy	48.2781, 0.2820, 0.2935
Android (android.graphics.Color)	4289509845 (0xFFACB9D5)
YUV	184.3050, 14.1466, -10.7915
Hunter-Lab	69.4824, -2.4504, -10.9501

Details

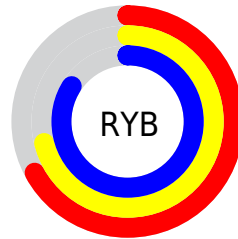
The CIELCh color $75, 15.641, 275.111$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $81, 15.646, 89.976$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 8.365, 258.871$, and $55, 15.493, 274.688$ is the 20% darker color. If you saturate the color by 10%, you get $70, 23.978, 276.853$, and if you desaturate by 10%, it is $80, 7.452, 273.626$.

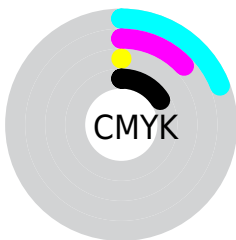
Distribution



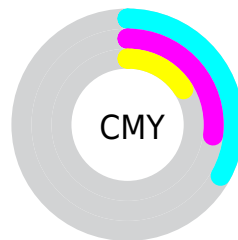
- Red (67%)
- Green (73%)
- Blue (84%)



- Red (67%)
- Yellow (71%)
- Blue (84%)



- Cyan (19%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)





- Cyan (33%)
- Magenta (27%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 15.641, 275.111 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, 15.641, 275.111 by changing the saturation by 10% instead.


 75, 15.641,
275.111


 75, 15.641,
275.111


 100, 15.641,
275.111


 65, 15.641,
275.111


 95, 15.641,
275.111


 55, 15.641,
275.111

 45, 15.641,
275.111

 35, 15.641,
275.111

 25, 15.641,
275.111

 15, 15.641,
275.111

 5, 15.641, 275.111

0, 15.641, 275.111

75, 15.641,
275.111

75, 15.641,
275.111

70, 23.978,
276.853

80, 7.452, 273.626

64, 32.478,
278.898

86, 0.591, 91.899

59, 41.162,
281.283

91, 8.491, 91.168

54, 50.064,
284.035

96, 16.001, 93.038

49, 59.217,
287.148

99, 21.216,
108.571

44, 68.630,
290.560

■ 40, 78.223,
294.126

■ 36, 87.745,
297.579

■ 36, 88.451,
297.815

Harmonies

Complementary

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



75, 15.641, 275.111



81, 15.646, 89.976

Rectangle

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



75, 15.641, 275.111



75, 15.641, 325.111



75, 15.641, 95.111



75, 15.641, 145.111

Sweetspot

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



75, 15.640, 275.107



96, 5.583, 273.212



82, 16.331, 171.890



51, 3.705, 273.295



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, 15.640, 275.107



86, 21.702, 275.770



72, 22.531, 298.280



42, 4.595, 273.650



28, 73.869, 297.273



4, 21.533, 284.974

Inverse Universe

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



74, 17.023, 356.707



85, 23.694, 357.188



84, 21.600, 115.313



42, 4.951, 355.617



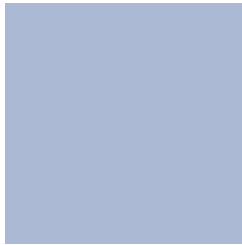
36, 64.341, 19.189



5, 22.336, 5.347

Previews

White Background



This preview shows how the CIELCh color 75, 15.641, 275.111 looks on a white background.

Color Contrast Check

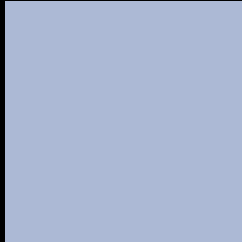
Large Text (above 18pt) WCAG AA × Fail

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, 15.641, 275.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

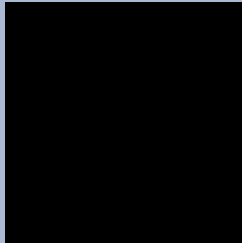
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 15.641, 275.111

Background



This preview shows how black text looks on a background with the CIELCh color 75, 15.641, 275.111.



This preview shows how white text looks on a background with the CIELCh color 75, 15.641, 275.111.

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, 15.641, 275.111

Protanopia

75, 15.703, 286.600

Deuteranopia

75, 18.657, 300.459



Tritanopia
75, 9.917, 254.106

Trichromacy



Original Color
75, 15.641, 275.111

Protanomaly
75, 15.307, 281.237

Deuteranomaly
75, 17.302, 291.796

Tritanomaly
75, 11.860, 265.175

Monochromacy



Original Color
75, 15.641, 275.111

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 6.092, 277.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 15.641, 275.111 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(172, 185, 213)` looks like.

```
.text, #text, p{  
    color:rgb(172, 185, 213)  
}
```

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(172, 185, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 185, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 15.641, 275.111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

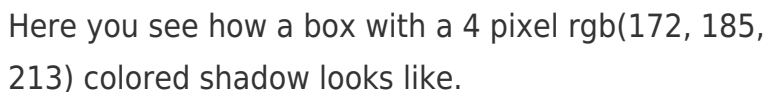
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 185, 213) }
```

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

```
.border{ border-color:rgb(172, 185, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 185, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 185, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 185, 213); box-shadow:4px 4px 4px 4px rgb(172, 185, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 15.641, 275.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 185, 213) }
```

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

```
.background{ background-color: rgb(172,  
185, 213) }
```

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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