

Converting Colors

CIELCh(75, 16.573, 261.140)

Have a look what the booklet for
CIELCh(75, 16.573, 261.140)
contains.

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Color

CIELCh(75, 16.573, 261.140)

Conversions

Conversions Part 1

Format	Color
Hex	A2BBD6
RGB	162, 187, 214
RGB Percent	64%, 73%, 84%
CMY	0.3634, 0.2653, 0.1594
CMYK	0.24, 0.13, 0.00, 0.16
HSL	211°, 39%, 74%
HSV	211°, 24%, 84%
XYZ	44.9969, 48.2781, 70.8033
YIQ	182.6030, -23.5670, 3.0970

Conversions

Conversions Part 2

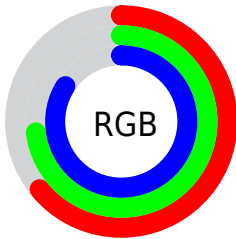
Format	Color
RYB	162, 179, 214
Decimal	10664918
CIELab	75.00, -2.55, -16.38
CIElCh	75, 16.573, 261.140
Yxy	48.2781, 0.2742, 0.2942
Android (android.graphics.Color)	4288854998 (0xFFA2BBD6)
YUV	182.6030, 15.4787, -18.0688
Hunter-Lab	69.4824, -5.9976, -11.7794

Details

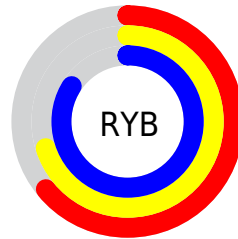
The CIELCh color **75, 16.573, 261.140** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **78, 17.554, 74.407**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 10.298, 235.964**, and **55, 16.458, 260.294** is the 20% darker color. If you saturate the color by 10%, you get **71, 23.287, 263.123**, and if you desaturate by 10%, it is **79, 9.781, 259.471**.

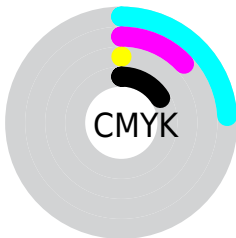
Distribution



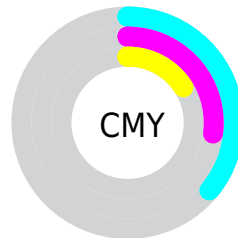
- Red (64%)
- Green (73%)
- Blue (84%)



- Red (64%)
- Yellow (70%)
- Blue (84%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)





- Cyan (36%)
- Magenta (27%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 16.573, 261.140 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, 16.573, 261.140 by changing the saturation by 10% instead.


 75, 16.573,
261.140


 75, 16.573,
261.140


 100, 16.573,
261.140


 65, 16.573,
261.140


 95, 16.573,
261.140

 55, 16.573,
261.140

 45, 16.573,
261.140

 35, 16.573,
261.140

 25, 16.573,
261.140

 15, 16.573,
261.140

 5, 16.573, 261.140

0, 16.573, 261.140

75, 16.573,
261.140

75, 16.573,
261.140

71, 23.287,
263.123

79, 9.781, 259.471

66, 29.912,
265.486

84, 2.937, 258.138

62, 36.444,
268.279

88, 3.938, 76.709

58, 42.907,
271.544

93, 10.821, 75.735

54, 49.355,
275.286

96, 15.268, 92.060

50, 55.872,
279.447

99, 20.117,
107.736

99, 20.540,
108.623

■ 47, 62.548,
283.878

■ 45, 66.489,
286.371

Harmonies

Complementary

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



75, 16.573, 261.140



78, 17.554, 74.407

Rectangle

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



75, 16.573, 261.140



75, 16.573, 311.140



75, 16.573, 81.140



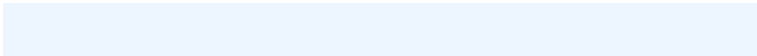
75, 16.573, 131.140

Sweetspot

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



75, 16.572, 261.136



96, 5.542, 258.464



82, 22.989, 162.360



51, 3.600, 258.541



0, 0.000, 0.000



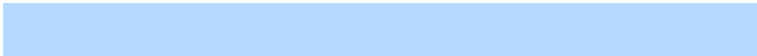
53, 0.007, 296.813

Same Dimension

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



75, 16.572, 261.136



85, 22.750, 262.091



68, 28.665, 293.591



43, 3.896, 258.773



36, 55.261, 285.629



6, 17.675, 274.692

Inverse Universe

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



72, 23.717, 346.923



81, 32.732, 347.476



85, 27.071, 108.551



42, 5.460, 345.455



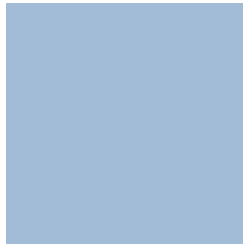
36, 62.641, 3.554



5, 23.343, 355.553

Previews

White Background



This preview shows how the CIELCh color 75, 16.573, 261.140 looks on a white background.

Color Contrast Check

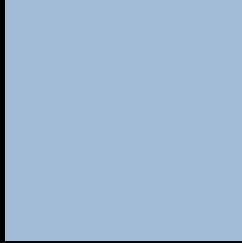
Large Text (above 18pt) WCAG AA × Fail

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, 16.573, 261.140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

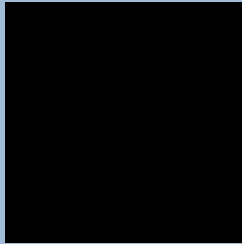
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

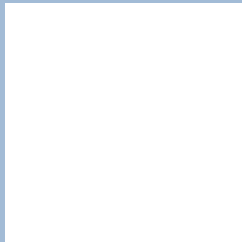
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 16.573, 261.140

Background



This preview shows how black text looks on a background with the CIELCh color 75, 16.573, 261.140.



This preview shows how white text looks on a background with the CIELCh color 75, 16.573, 261.140.

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, 16.573, 261.140

Protanopia
75, 15.166, 286.359

Deuteranopia
75, 19.676, 299.048



Tritanopia
75, 12.621, 238.944

Trichromacy



Original Color
75, 16.573, 261.140

Protanomaly
75, 15.042, 275.677

Deuteranomaly
75, 17.338, 286.129

Tritanomaly
75, 13.943, 250.003

Monochromacy



Original Color
75, 16.573, 261.140

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 5.983, 253.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 16.573, 261.140 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(162, 187, 214)` looks like.

```
.text, #text, p{  
    color:rgb(162, 187, 214)  
}
```

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(162, 187, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 187, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 16.573, 261.140 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(162, 187, 214) }
```

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

```
.border{ border-color:rgb(162, 187, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 187, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 187, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 187, 214);  
box-shadow:4px 4px 4px 4px rgb(162, 187,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 16.573, 261.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 187, 214) }
```

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

```
.background{ background-color: rgb(162,  
187, 214) }
```

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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