

Converting Colors

CIE LCh(75, 14.240, 276.430)

Have a look what the booklet for
CIELCh(75, 14.240, 276.430)
contains.

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Color

CIELCh(75, 13.928, 275.638)

Conversions

Conversions Part 1

Format	Color
Hex	AEB9D2
RGB	174, 185, 210
RGB Percent	68%, 73%, 82%
CMY	0.3181, 0.2750, 0.1770
CMYK	0.17, 0.12, 0.00, 0.18
HSL	222°, 29%, 75%
HSV	222°, 17%, 82%
XYZ	46.3688, 48.2781, 67.7652
YIQ	184.5610, -14.5810, 5.4430

Conversions

Conversions Part 2

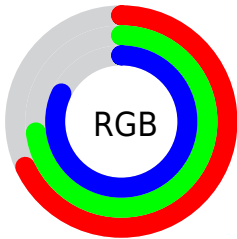
Format	Color
R_{YB}	174, 182, 210
Decimal	11450834
CIE Lab	75.00, 1.37, -13.86
CIE LCh	75, 13.928, 275.638
Yxy	48.2781, 0.2855, 0.2973
Android (android.graphics.Color)	4289640914 (0xFFAEB9D2)
YUV	184.5610, 12.5414, -9.2620
Hunter-Lab	69.4824, -2.4731, -9.1870

Details

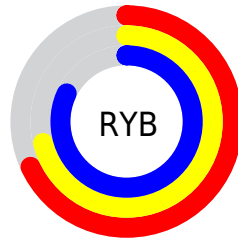
The CIELCh color `75, 13.928, 275.638` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80, 13.899, 91.138`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 8.045, 262.999`, and `55, 14.227, 275.763` is the 20% darker color. If you saturate the color by 10%, you get `70, 22.257, 277.308`, and if you desaturate by 10%, it is `80, 5.757, 274.217`.

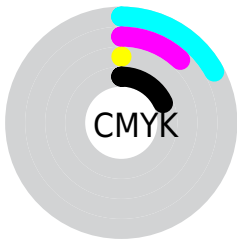
Distribution



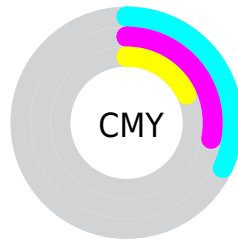
- Red (68%)
- Green (73%)
- Blue (82%)



- Red (68%)
- Yellow (71%)
- Blue (82%)



- Cyan (17%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (32%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 13.928, 275.638 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, 13.928, 275.638 by changing the saturation by 10% instead.

■ 75, 13.928,
275.638

■ 75, 13.928,
275.638

■ 100, 13.928,
275.638

■ 65, 13.928,
275.638

■ 95, 13.928,
275.638

■ 55, 13.928,
275.638

■ 45, 13.928,
275.638

■ 35, 13.928,
275.638

■ 25, 13.928,
275.638

■ 15, 13.928,
275.638

■ 5, 13.928, 275.638

0, 13.928, 275.638

75, 13.928,
275.638

75, 13.928,
275.638

70, 22.257,
277.308

80, 5.757, 274.217

64, 30.761,
279.270

86, 2.259, 92.838

59, 39.458,
281.560

91, 10.124, 91.847

54, 48.379,
284.207

96, 17.538, 94.245

49, 57.558,
287.214

99, 22.791,
108.450

44, 67.006,
290.529

■ 40, 76.647,
294.023

■ 36, 86.237,
297.473

■ 35, 88.913,
298.367

Harmonies

Complementary

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



75, 13.928, 275.638



80, 13.899, 91.138

Rectangle

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



75, 13.928, 275.638



75, 13.928, 325.638



75, 13.928, 95.638



75, 13.928, 145.638

Sweetspot

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



75, 13.927, 275.633



97, 4.708, 273.959



81, 14.251, 173.230



51, 3.213, 274.045



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, 13.927, 275.633



87, 20.048, 276.285



73, 19.779, 298.686



41, 4.562, 274.514



27, 74.248, 297.829



4, 20.229, 284.335

Inverse Universe

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



74, 14.851, 357.255



86, 21.453, 357.737



83, 19.062, 116.149



41, 4.825, 356.402



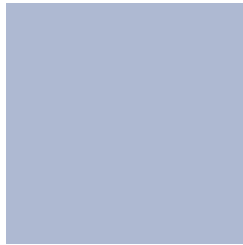
35, 63.926, 20.166



4, 20.517, 5.272

Previews

White Background



This preview shows how the CIELCh color 75, 13.928, 275.638 looks on a white background.

Color Contrast Check

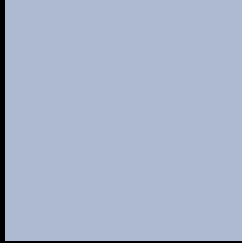
Large Text (above 18pt) WCAG AA × Fail

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, 13.928, 275.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

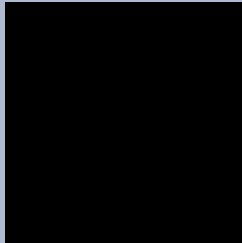
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

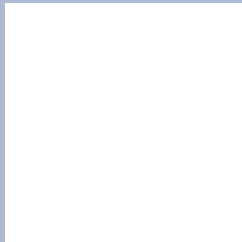
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 13.928, 275.638

Background



This preview shows how black text looks on a background with the CIELCh color 75, 13.928, 275.638.



This preview shows how white text looks on a background with the CIELCh color 75, 13.928, 275.638.

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

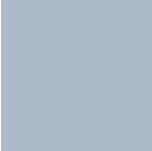
75, 13.928, 275.638

Protanopia

75, 14.070, 287.238

Deuteranopia

75, 17.193, 303.513



Tritanopia
75, 9.373, 259.273

Trichromacy



Original Color
75, 13.928, 275.638

Protanomaly
75, 13.617, 282.637

Deuteranomaly
75, 15.708, 294.188

Tritanomaly
75, 10.623, 265.770

Monochromacy



Original Color
75, 13.928, 275.638

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 5.052, 274.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 13.928, 275.638 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, 185, 210)` looks like.

```
.text, #text, p{  
    color:rgb(174, 185, 210)  
}
```

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, 185, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 185, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 13.928, 275.638 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, 185, 210) }
```

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

```
.border{ border-color:rgb(174, 185, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 185, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 185, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 185, 210);  
box-shadow:4px 4px 4px 4px rgb(174, 185,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 13.928, 275.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 185, 210) }
```

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

```
.background{ background-color: rgb(174,  
185, 210) }
```

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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