

Converting Colors

CIELCh(75, 11.294, 263.015)

Have a look what the booklet for
CIELCh(75, 11.294, 263.015)
contains.

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Color

CIELCh(75, 11.385, 263.881)

Conversions

Conversions Part 1

Format	Color
Hex	ABBACD
RGB	171, 186, 205
RGB Percent	67%, 73%, 80%
CMY	0.3288, 0.2699, 0.1954
CMYK	0.17, 0.09, 0.00, 0.20
HSL	214°, 25%, 74%
HSV	214°, 17%, 80%
XYZ	45.4623, 48.2781, 64.7854
YIQ	183.6810, -15.0390, 2.7290

Conversions

Conversions Part 2

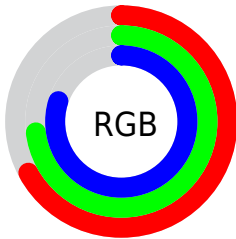
Format	Color
R _Y B	171, 181, 205
Decimal	11254477
CIE Lab	75.00, -1.21, -11.32
CIE LCh	75, 11.385, 263.881
Yxy	48.2781, 0.2868, 0.3045
Android (android.graphics.Color)	4289444557 (0xFFABBACD)
YUV	183.6810, 10.5103, -11.1212
Hunter-Lab	69.4824, -4.8019, -6.6443

Details

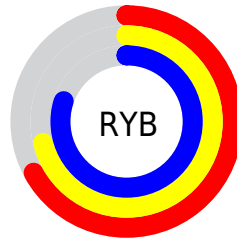
The CIELCh color $75, 11.385, 263.881$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 11.697, 79.373$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 8.311, 252.920$, and $55, 11.531, 263.337$ is the 20% darker color. If you saturate the color by 10%, you get $71, 18.242, 265.613$, and if you desaturate by 10%, it is $79, 4.518, 262.431$.

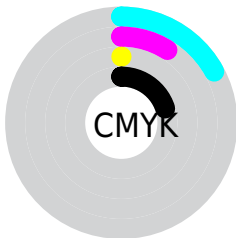
Distribution



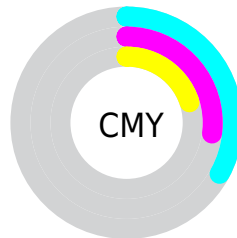
- Red (67%)
- Green (73%)
- Blue (80%)



- Red (67%)
- Yellow (71%)
- Blue (80%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (20%)





- Cyan (33%)
- Magenta (27%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 11.385, 263.881 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, 11.385, 263.881 by changing the saturation by 10% instead.


 75, 11.385,
263.881


 75, 11.385,
263.881


 100, 11.385,
263.881


 65, 11.385,
263.881


 95, 11.385,
263.881

 55, 11.385,
263.881

 45, 11.385,
263.881

 35, 11.385,
263.881

 25, 11.385,
263.881

 15, 11.385,
263.881

 5, 11.385, 263.881

0, 11.385, 263.881

75, 11.385,
263.881

75, 11.385,
263.881

71, 18.242,
265.613

79, 4.518, 262.431

66, 25.081,
267.673

84, 2.339, 80.948

62, 31.897,
270.103

89, 9.173, 79.962

57, 38.701,
272.951

93, 15.969, 79.033

53, 45.527,
276.244

96, 19.996, 96.136

49, 52.431,
279.966

99, 25.127,
108.230

99, 25.151,
108.270

■ 46, 59.485,
284.032

■ 42, 66.732,
288.258

■ 41, 69.271,
289.630

Harmonies

Complementary

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



75, 11.385, 263.881



78, 11.697, 79.373

Rectangle

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



75, 11.385, 263.881



75, 11.385, 313.881



75, 11.385, 83.881



75, 11.385, 133.881

Sweetspot

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



75, 11.384, 263.874



97, 4.101, 262.248



80, 14.836, 164.983



52, 2.797, 262.332



0, 0.000, 0.000



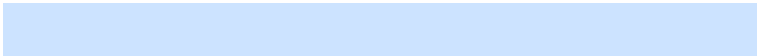
53, 0.007, 296.813

Same Dimension

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



75, 11.384, 263.874



89, 16.386, 264.479



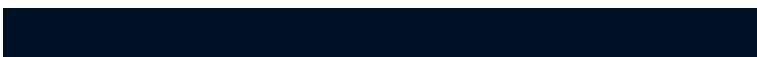
71, 18.609, 293.800



41, 3.879, 262.804



33, 58.176, 288.949



5, 16.255, 275.854

Inverse Universe

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



73, 15.148, 348.432



87, 21.899, 348.815



82, 17.919, 110.679



40, 5.112, 347.719



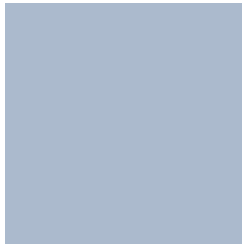
35, 61.156, 7.226



4, 19.392, 357.122

Previews

White Background



This preview shows how the CIELCh color 75, 11.385, 263.881 looks on a white background.

Color Contrast Check

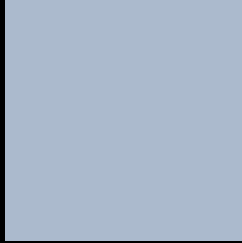
Large Text (above 18pt) WCAG AA × Fail

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, 11.385, 263.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

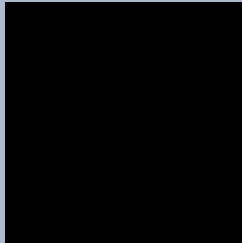
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

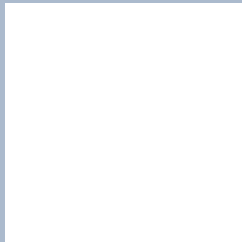
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 11.385, 263.881

Background



This preview shows how black text looks on a background with the CIELCh color 75, 11.385, 263.881.




This preview shows how white text looks on a background with the CIELCh color 75, 11.385, 263.881.

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](#).

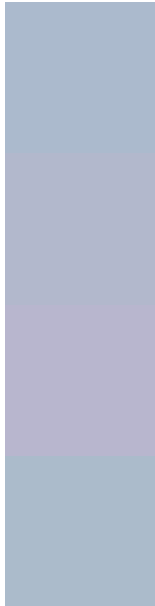
Dichromacy





Tritanopia
75, 9.725, 255.755

Trichromacy



Original Color
75, 11.385, 263.881

Protanomaly
75, 10.965, 280.102

Deuteranomaly
75, 13.012, 294.506

Tritanomaly
75, 10.162, 257.613

Monochromacy



Original Color
75, 11.385, 263.881

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.329, 260.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 11.385, 263.881 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(171, 186, 205)` looks like.

```
.text, #text, p{  
    color:rgb(171, 186, 205)  
}
```

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(171, 186, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 186, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 11.385, 263.881 is called "border". The border property can be set on classes, ids or directly on the HTML element.

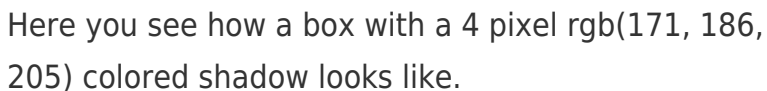
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 186, 205) }
```

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

```
.border{ border-color:rgb(171, 186, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 186, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 186, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 186, 205);  
box-shadow:4px 4px 4px 4px rgb(171, 186,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 11.385, 263.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 186, 205) }
```

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

```
.background{ background-color: rgb(171,  
186, 205) }
```

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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