

Converting Colors

CIELCh(75, 5.279, 249.744)

Have a look what the booklet for
CIELCh(75, 5.279, 249.744) contains.

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Color

CIELCh(75, 5.562, 250.364)

Conversions

Conversions Part 1

Format	Color
Hex	B0BAC2
RGB	176, 186, 194
RGB Percent	69%, 73%, 76%
CMY	0.3096, 0.2703, 0.2390
CMYK	0.09, 0.04, 0.00, 0.24
HSL	207°, 13%, 73%
HSV	207°, 9%, 76%
XYZ	45.2340, 48.2781, 58.0098
YIQ	183.9220, -8.5280, 0.3680

Conversions

Conversions Part 2

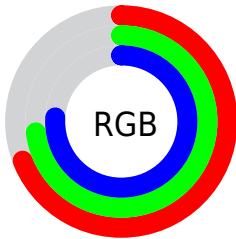
Format	Color
R_{YB}	176, 182, 194
Decimal	11582146
CIE _{Lab}	75.00, -1.87, -5.24
CIE _{LCh}	75, 5.562, 250.364
Yxy	48.2781, 0.2985, 0.3186
Android (android.graphics.Color)	4289772226 (0xFFB0BAC2)
YUV	183.9220, 4.9685, -6.9476
Hunter-Lab	69.4824, -5.3883, -0.8626

Details

The CIELCh color $75, 5.562, 250.364$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 5.729, 68.048$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 5.313, 250.129$, and $55, 5.461, 246.748$ is the 20% darker color. If you saturate the color by 10%, you get $71, 11.436, 251.746$, and if you desaturate by 10%, it is $79, 0.430, 68.137$.

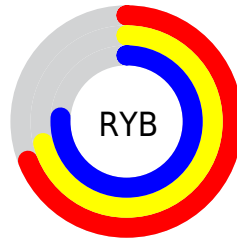
Distribution



Red (69%)

Green (73%)

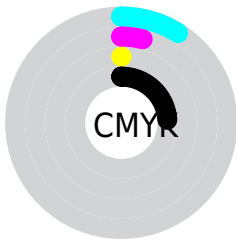
Blue (76%)



Red (69%)

Yellow (71%)

Blue (76%)

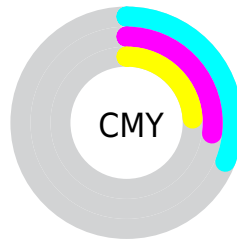


Cyan (9%)

Magenta (4%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (27%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 5.562, 250.364 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, 5.562, 250.364 by changing the saturation by 10% instead.

 75, 5.562, 250.364

 75, 5.562, 250.364

 100, 5.562,
250.364

 65, 5.562, 250.364

 95, 5.562, 250.364

 55, 5.562, 250.364

 45, 5.562, 250.364

 35, 5.562, 250.364

 25, 5.562, 250.364

 15, 5.562, 250.364

 5, 5.562, 250.364

 0, 5.562, 250.364

 75, 5.562, 250.364

 75, 5.562, 250.364

71, 11.436,
251.746

79, 0.430, 68.137

68, 17.158,
253.460

82, 6.506, 67.998

64, 22.694,
255.533

86, 12.636, 67.171

61, 28.018,
258.029

90, 18.797, 66.449

92, 20.665, 80.060

94, 23.324, 92.000

57, 33.119,
261.013

97, 26.768,
101.084

54, 38.018,
264.534

99, 30.692,
107.843

51, 42.775,
268.598

48, 47.491,
273.135

45, 52.314,

277.887

Harmonies

Complementary

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



75, 5.562, 250.364



75, 5.729, 68.048

Rectangle

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



75, 5.562, 250.364



75, 5.562, 300.364



75, 5.562, 70.364



75, 5.562, 120.364

Sweetspot

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



75, 5.561, 250.346



98, 2.243, 249.719



77, 8.647, 159.541



52, 1.712, 249.769



0, 0.000, 0.000



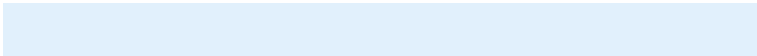
53, 0.007, 296.813

Same Dimension

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



75, 5.561, 250.346



94, 8.149, 250.587



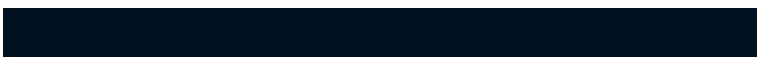
73, 9.141, 288.367



39, 3.395, 250.357



37, 45.217, 277.475



5, 12.073, 264.227

Inverse Universe

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



74, 8.662, 341.453



92, 12.742, 341.616



78, 8.970, 106.422



38, 5.288, 341.460



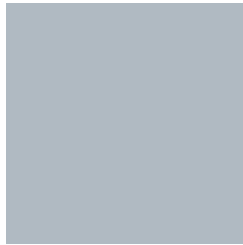
35, 60.907, 356.395



3, 16.367, 348.965

Previews

White Background



This preview shows how the CIELCh color 75, 5.562, 250.364 looks on a white background.

Color Contrast Check

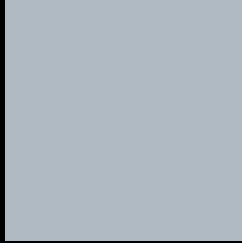
Large Text (above 18pt) WCAG AA × Fail

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, 5.562, 250.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

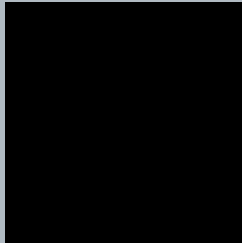
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

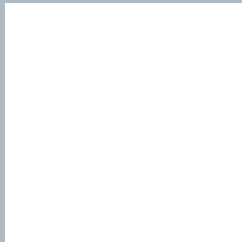
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 5.562, 250.364

Background



This preview shows how black text looks on a background with the CIELCh color 75, 5.562, 250.364.



This preview shows how white text looks on a background with the CIELCh color 75, 5.562, 250.364.

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

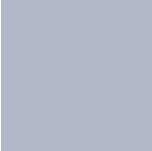
75, 5.562, 250.364

Protanopia

75, 4.934, 299.151

Deuteranopia

75, 10.934, 328.114



Tritanopia
75, 8.526, 271.507

Trichromacy



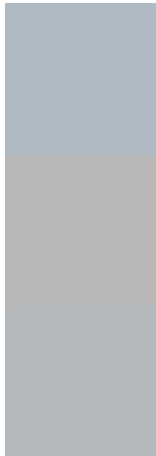
Original Color
75, 5.562, 250.364

Protanomaly
75, 4.907, 282.150

Deuteranomaly
75, 7.511, 310.667

Tritanomaly
75, 7.523, 268.579

Monochromacy



Original Color
75, 5.562, 250.364

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 2.171, 247.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 5.562, 250.364 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(176, 186, 194)` looks like.

```
.text, #text, p{  
    color:rgb(176, 186, 194)  
}
```

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(176, 186, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 186, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 5.562, 250.364 is called "border". The border property can be set on classes, ids or directly on the HTML element.

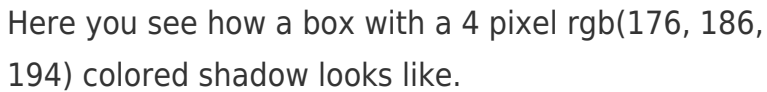
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 186, 194) }
```

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

```
.border{ border-color:rgb(176, 186, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 186, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 186, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 186, 194); box-shadow:4px 4px 4px 4px rgb(176, 186, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 5.562, 250.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 186, 194) }
```

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

```
.background{ background-color: rgb(176,  
186, 194) }
```

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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