

Converting Colors

CIELCh(75, 3.968, 256.137)

Have a look what the booklet for
CIELCh(75, 3.968, 256.137) contains.

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Color

CIELCh(75, 4.329, 260.415)

Conversions

Conversions Part 1

Format	Color
Hex	B3B9C0
RGB	179, 185, 192
RGB Percent	70%, 73%, 75%
CMY	0.2968, 0.2732, 0.2458
CMYK	0.07, 0.04, 0.00, 0.25
HSL	212°, 9%, 73%
HSV	212°, 7%, 75%
XYZ	45.6344, 48.2781, 56.9749
YIQ	184.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

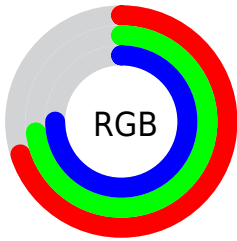
Format	Color
R_{YB}	179, 183, 192
Decimal	11778496
CIE _{Lab}	75.00, -0.72, -4.27
CIE _{LCh}	75, 4.329, 260.415
Yxy	48.2781, 0.3024, 0.3200
Android (android.graphics.Color)	4289968576 (0xFFB3B9C0)
YUV	184.0040, 3.9420, -4.3885
Hunter-Lab	69.4824, -4.3598, 0.0206

Details

The CIELCh color $75, 4.329, 260.415$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 4.371, 78.535$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 4.128, 260.240$, and $55, 4.591, 260.721$ is the 20% darker color. If you saturate the color by 10%, you get $71, 10.705, 261.826$, and if you desaturate by 10%, it is $79, 2.062, 78.897$.

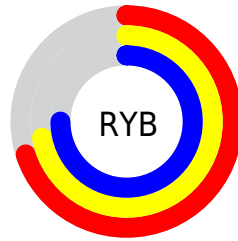
Distribution



Red (70%)

Green (73%)

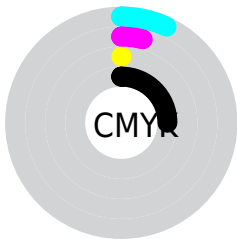
Blue (75%)



Red (70%)

Yellow (72%)

Blue (75%)

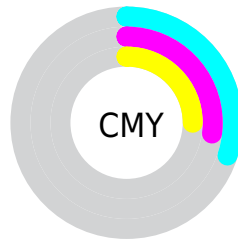


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (25%)



Cyan (30%)

Magenta (27%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 4.329, 260.415 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, 4.329, 260.415 by changing the saturation by 10% instead.

 75, 4.329, 260.415

 75, 4.329, 260.415

 100, 4.329,
260.415

 65, 4.329, 260.415

 95, 4.329, 260.415

 55, 4.329, 260.415

 45, 4.329, 260.415

 35, 4.329, 260.415

 25, 4.329, 260.415

 15, 4.329, 260.415

 5, 4.329, 260.415

 0, 4.329, 260.415

 75, 4.329, 260.415

 75, 4.329, 260.415

71, 10.705,
261.826

79, 2.062, 78.897

67, 17.050,
263.558

83, 8.448, 77.936

63, 23.349,
265.614

88, 14.814, 77.020

59, 29.594,
268.045

94, 23.921, 91.658

55, 35.792,
270.902

97, 28.082,
102.107

51, 41.971,
274.214

99, 31.552,
107.777

47, 48.187,
277.973

44, 54.513,
282.098

40, 61.014,

286.409

Harmonies

Complementary

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



75, 4.329, 260.415



76, 4.371, 78.535

Rectangle

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



75, 4.329, 260.415



75, 4.329, 310.415



75, 4.329, 80.415



75, 4.329, 130.415

Sweetspot

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



75, 4.328, 260.392



97, 1.590, 259.947



77, 5.818, 164.987



52, 0.904, 259.947



99, 0.012, 296.813



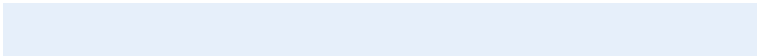
52, 0.007, 296.813

Same Dimension

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



75, 4.328, 260.392



94, 6.331, 260.568



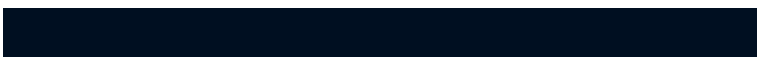
73, 7.063, 292.134



39, 3.649, 260.734



33, 54.528, 287.108



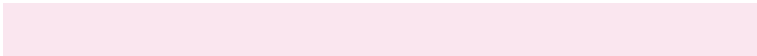
4, 13.350, 272.394

Inverse Universe

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



74, 5.865, 346.269



93, 8.598, 346.401



77, 6.946, 110.876



38, 4.964, 346.520



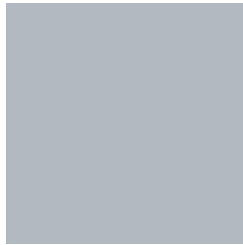
34, 59.784, 5.126



3, 15.518, 354.607

Previews

White Background



This preview shows how the CIELCh color 75, 4.329, 260.415 looks on a white background.

Color Contrast Check

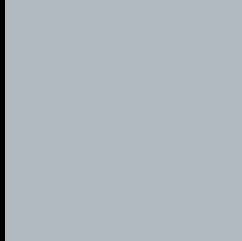
Large Text (above 18pt) WCAG AA × Fail

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, 4.329, 260.415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

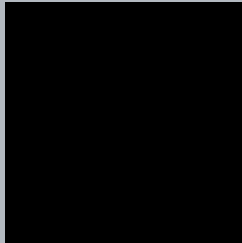
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

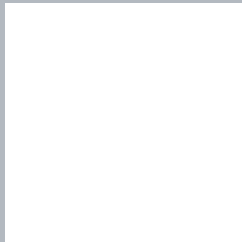
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 4.329, 260.415

Background



This preview shows how black text looks on a background with the CIELCh color 75, 4.329, 260.415.



This preview shows how white text looks on a background with the CIELCh color 75, 4.329, 260.415.

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, 4.329, 260.415

Protanopia

75, 4.480, 304.783

Deuteranopia

75, 10.753, 331.469



Tritanopia
75, 8.203, 280.928

Trichromacy



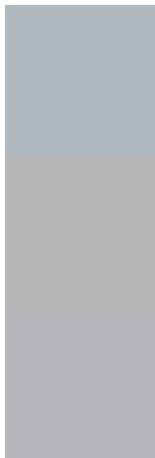
Original Color
75, 4.329, 260.415

Protanomaly
75, 3.786, 290.551

Deuteranomaly
75, 7.493, 320.050

Tritanomaly
75, 7.144, 279.271

Monochromacy



Original Color
75, 4.329, 260.415

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.775, 265.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 4.329, 260.415 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(179, 185, 192)` looks like.

```
.text, #text, p{  
    color:rgb(179, 185, 192)  
}
```

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(179, 185, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 185, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 4.329, 260.415 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(179, 185, 192) }
```

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

```
.border{ border-color:rgb(179, 185, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 185, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 185, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 185, 192);  
box-shadow:4px 4px 4px 4px rgb(179, 185,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 4.329, 260.415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 185, 192) }
```

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

```
.background{ background-color: rgb(179,  
185, 192) }
```

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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