

Converting Colors

CIELCh(75, 4.187, 276.434)

Have a look what the booklet for
CIELCh(75, 4.187, 276.434) contains.

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Color

CIELCh(75, 3.919, 274.393)

Conversions

Conversions Part 1

Format	Color
Hex	B6B9C0
RGB	182, 185, 192
RGB Percent	71%, 73%, 75%
CMY	0.2874, 0.2756, 0.2482
CMYK	0.05, 0.04, 0.00, 0.25
HSL	222°, 7%, 73%
HSV	222°, 5%, 75%
XYZ	45.9923, 48.2781, 56.5928
YIQ	184.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

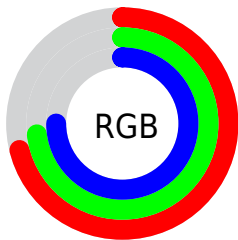
Format	Color
R_{YB}	182, 184, 192
Decimal	11975104
CIE Lab	75.00, 0.30, -3.91
CIE LCh	75, 3.919, 274.393
Yxy	48.2781, 0.3049, 0.3200
Android (android.graphics.Color)	4290165184 (0xFFB6B9C0)
YUV	184.9010, 3.4998, -2.5442
Hunter-Lab	69.4824, -3.4403, 0.3466

Details

The CIELCh color $75, 3.919, 274.393$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 3.899, 92.996$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 3.733, 274.266$, and $55, 4.164, 274.613$ is the 20% darker color. If you saturate the color by 10%, you get $70, 11.526, 275.719$, and if you desaturate by 10%, it is $80, 3.544, 93.066$.

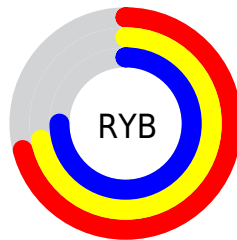
Distribution



Red (71%)

Green (73%)

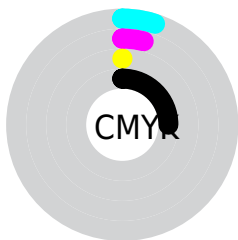
Blue (75%)



Red (71%)

Yellow (72%)

Blue (75%)

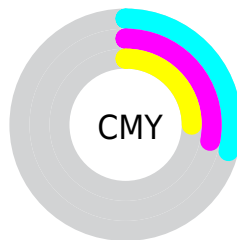


Cyan (5%)

Magenta (4%)

Yellow (0%)

Black (25%)



Cyan (29%)

Magenta (28%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 3.919, 274.393 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, 3.919, 274.393 by changing the saturation by 10% instead.

■ 75, 3.919, 274.393

■ 75, 3.919, 274.393

■ 100, 3.919,
274.393

■ 65, 3.919, 274.393

■ 95, 3.919, 274.393

■ 55, 3.919, 274.393

■ 45, 3.919, 274.393

■ 35, 3.919, 274.393

■ 25, 3.919, 274.393

■ 15, 3.919, 274.393

■ 5, 3.919, 274.393

■ 0, 3.919, 274.393

■ 75, 3.919, 274.393

■ 75, 3.919, 274.393

70, 11.526,
275.719

80, 3.544, 93.066

65, 19.287,
277.324

85, 10.862, 92.073

60, 27.211,
279.205

90, 18.038, 91.181

55, 35.316,
281.399

98, 30.351,
105.528

50, 43.630,
283.940

99, 31.863,
107.753

46, 52.181,
286.837

41, 60.987,
290.052

37, 69.997,
293.477

33, 79.013,

296.918

Harmonies

Complementary

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



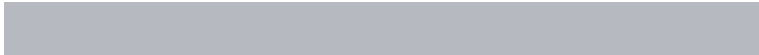
75, 3.919, 274.393



77, 3.899, 92.996

Rectangle

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



75, 3.919, 274.393



75, 3.919, 324.393



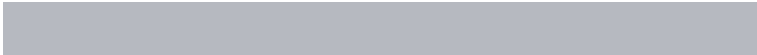
75, 3.919, 94.393



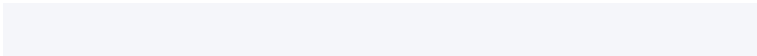
75, 3.919, 144.393

Sweetspot

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



75, 3.918, 274.371



97, 1.864, 274.057



77, 4.058, 174.457



52, 1.060, 274.052



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, 3.918, 274.371



95, 5.594, 274.477



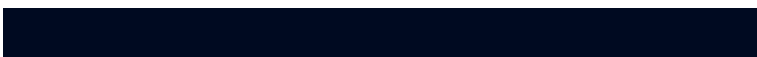
74, 5.465, 297.718



39, 3.010, 274.534



26, 72.044, 297.971



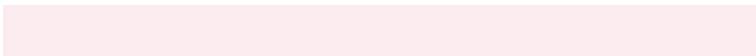
3, 15.492, 281.300

Inverse Universe

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



75, 4.086, 356.306



94, 5.841, 356.406



77, 5.391, 116.994



39, 3.145, 356.458



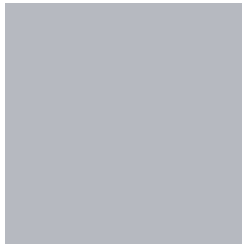
33, 61.849, 20.418



3, 14.616, 3.463

Previews

White Background



This preview shows how the CIELCh color 75, 3.919, 274.393 looks on a white background.

Color Contrast Check

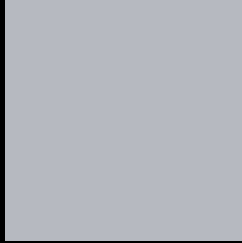
Large Text (above 18pt) WCAG AA × Fail

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, 3.919, 274.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

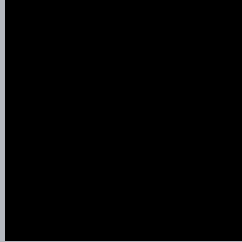
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

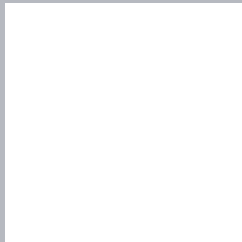
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 3.919, 274.393

Background



This preview shows how black text looks on a background with the CIELCh color 75, 3.919, 274.393.



This preview shows how white text looks on a background with the CIELCh color 75, 3.919, 274.393.

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, 3.919, 274.393

Protanopia

75, 4.480, 304.783

Deuteranopia

75, 10.613, 334.938



Tritanopia
75, 7.566, 288.177

Trichromacy



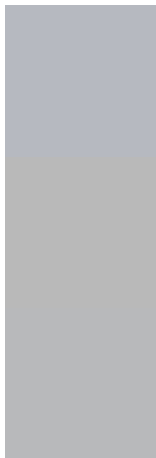
Original Color
75, 3.919, 274.393

Protanomaly
75, 3.786, 290.551

Deuteranomaly
75, 7.884, 324.748

Tritanomaly
75, 6.488, 287.611

Monochromacy



Original Color
75, 3.919, 274.393

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.142, 271.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 3.919, 274.393 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(182, 185, 192)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 185, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 185, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 3.919, 274.393 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(182, 185, 192) }
```

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

```
.border{ border-color:rgb(182, 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(182, 185, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 185, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 185, 192);  
box-shadow:4px 4px 4px 4px rgb(182, 185,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 3.919, 274.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 185, 192) }
```

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

```
.background{ background-color: rgb(182,  
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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