

Converting Colors

CIELCh(77, 4.721, 260.711)

Have a look what the booklet for
CIELCh(77, 4.721, 260.711) contains.

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Color

CIELCh(77, 4.938, 259.988)

Conversions

Conversions Part 1

Format	Color
Hex	B8BFC7
RGB	184, 191, 199
RGB Percent	72%, 75%, 78%
CMY	0.2787, 0.2512, 0.2199
CMYK	0.08, 0.04, 0.00, 0.22
HSL	212°, 12%, 75%
HSV	212°, 8%, 78%
XYZ	48.6654, 51.5317, 61.3706
YIQ	189.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

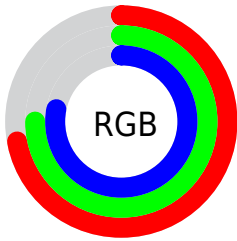
Format	Color
RYB	184, 189, 199
Decimal	12107719
CIELab	77.00, -0.86, -4.86
CIELCh	77, 4.938, 259.988
Yxy	51.5317, 0.3012, 0.3189
Android (android.graphics.Color)	4290297799 (0xFFB8BFC7)
YUV	189.8190, 4.5262, -5.1033
Hunter-Lab	71.7856, -4.6150, -0.4380

Details

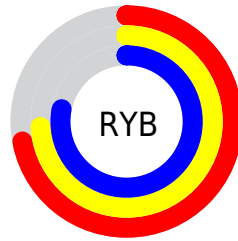
The CIELCh color $77, 4.938, 259.988$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $78, 4.998, 77.920$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 4.715, 259.792$, and $57, 4.747, 256.698$ is the 20% darker color. If you saturate the color by 10%, you get $73, 11.455, 261.428$, and if you desaturate by 10%, it is $81, 1.602, 78.410$.

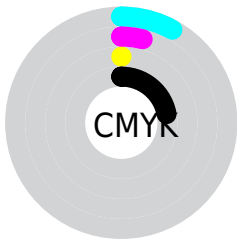
Distribution



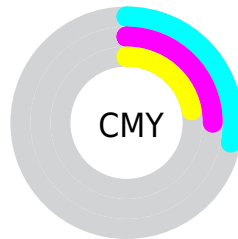
- Red (72%)
- Green (75%)
- Blue (78%)



- Red (72%)
- Yellow (74%)
- Blue (78%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 4.938, 259.988 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 77, 4.938, 259.988 by changing the saturation by 10% instead.

■ 77, 4.938, 259.988

■ 77, 4.938, 259.988

■ 100, 4.938,
259.988

■ 67, 4.938, 259.988

■ 97, 4.938, 259.988

■ 57, 4.938, 259.988

■ 47, 4.938, 259.988

■ 37, 4.938, 259.988

■ 27, 4.938, 259.988

■ 17, 4.938, 259.988

■ 7, 4.938, 259.988

■ 0, 4.938, 259.988

■ 77, 4.938, 259.988

■ 77, 4.938, 259.988

73, 11.455,
261.428

81, 1.602, 78.410

69, 17.933,
263.188

86, 8.142, 77.488

64, 24.354,
265.279

90, 14.667, 76.564

60, 30.712,
267.753

96, 23.296, 98.024

56, 37.013,
270.661

99, 28.060,
107.708

52, 43.288,
274.032

99, 28.269,
108.030

49, 49.598,
277.852

45, 56.021,
282.036

42, 62.628,

Harmonies

Complementary

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



77, 4.938, 259.988



78, 4.998, 77.920

Rectangle

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



77, 4.938, 259.988



77, 4.938, 309.988



77, 4.938, 79.988



77, 4.938, 129.988

Sweetspot

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



77, 4.937, 259.968



99, 1.610, 259.426



79, 6.748, 163.989



53, 0.915, 259.426



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 4.937, 259.968



95, 7.205, 260.178



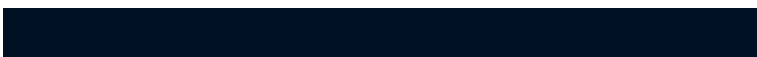
75, 8.105, 291.580



40, 3.710, 260.212



34, 54.692, 286.717



5, 14.557, 272.995

Inverse Universe

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



76, 6.752, 346.054



94, 9.879, 346.207



80, 7.958, 110.128



39, 5.089, 346.230



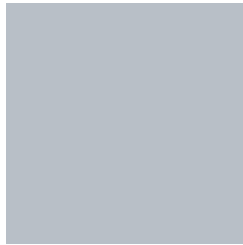
35, 60.497, 4.701



4, 17.553, 354.986

Previews

White Background



This preview shows how the CIELCh color 77, 4.938, 259.988 looks on a white background.

Color Contrast Check

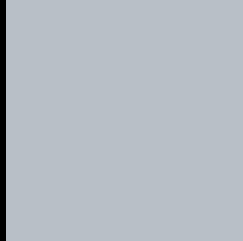
Large Text (above 18pt) WCAG AA × Fail

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 77, 4.938, 259.988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

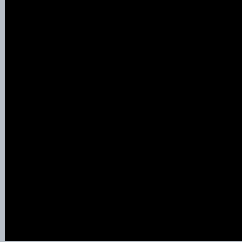
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

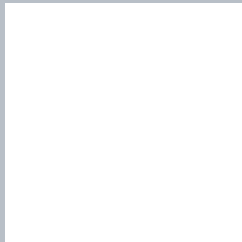
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 4.938, 259.988

Background



This preview shows how black text looks on a background with the CIELCh color 77, 4.938, 259.988.



This preview shows how white text looks on a background with the CIELCh color 77, 4.938, 259.988.

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

77, 4.938, 259.988

Protanopia

77, 4.905, 299.142

Deuteranopia

77, 11.343, 331.108



Tritanopia
77, 8.217, 278.463

Trichromacy



Original Color
77, 4.938, 259.988

Protanomaly
77, 4.349, 281.018

Deuteranomaly
77, 7.920, 318.136

Tritanomaly
77, 7.175, 276.456

Monochromacy



Original Color
77, 4.938, 259.988

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 1.765, 265.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 4.938, 259.988 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(184, 191, 199)` looks like.

```
.text, #text, p{  
    color:rgb(184, 191, 199)  
}
```

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(184, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 191, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 4.938, 259.988 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(184, 191, 199) }
```

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

```
.border{ border-color:rgb(184, 191, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 191, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 191, 199);  
box-shadow:4px 4px 4px 4px rgb(184, 191,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 4.938, 259.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 191, 199) }
```

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

```
.background{ background-color: rgb(184,  
191, 199) }
```

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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