

Converting Colors

CIELCh(77, 10.169, 144.006)

Have a look what the booklet for
CIELCh(77, 10.169, 144.006)
contains.

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Color

CIELCh(77, 9.836, 144.022)

Conversions

Conversions Part 1

Format	Color
Hex	B3C2B3
RGB	179, 194, 179
RGB Percent	70%, 76%, 70%
CMY	0.2973, 0.2385, 0.2973
CMYK	0.08, 0.00, 0.08, 0.24
HSL	120°, 11%, 73%
HSV	120°, 8%, 76%
XYZ	46.1193, 51.5317, 50.2592
YIQ	187.8050, -4.1250, -7.8450

Conversions

Conversions Part 2

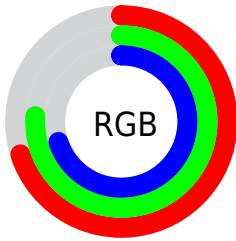
Format	Color
RYB	179, 194, 194
Decimal	11780787
CIELab	77.00, -7.96, 5.78
CIELCh	77, 9.836, 144.022
Yxy	51.5317, 0.3118, 0.3484
Android (android.graphics.Color)	4289970867 (0xFFB3C2B3)
YUV	187.8050, -4.3409, -7.7220
Hunter-Lab	71.7856, -10.9460, 8.7393

Details

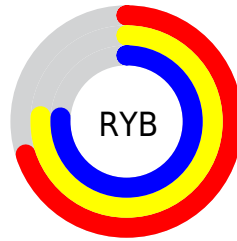
The CIELCh color **77, 9.836, 144.022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 9.856, 324.837**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 9.365, 144.128**, and **57, 9.764, 143.891** is the 20% darker color. If you saturate the color by 10%, you get **75, 22.693, 143.341**, and if you desaturate by 10%, it is **79, 2.880, 324.474**.

Distribution



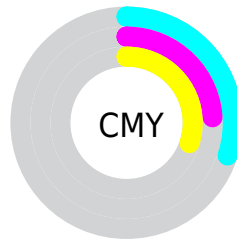
- Red (70%)
- Green (76%)
- Blue (70%)



- Red (70%)
- Yellow (76%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (24%)



- Cyan (30%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 9.836, 144.022 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, 9.836, 144.022 by changing the saturation by 10% instead.

■ 77, 9.836, 144.022 ■ 77, 9.836, 144.022

■ 100, 9.836,
144.022 ■ 67, 9.836, 144.022

■ 97, 9.836, 144.022 ■ 57, 9.836, 144.022

■ 47, 9.836, 144.022

■ 37, 9.836, 144.022

■ 27, 9.836, 144.022

■ 17, 9.836, 144.022

■ 7, 9.836, 144.022

■ 0, 9.836, 144.022

■ 77, 9.836, 144.022 ■ 77, 9.836, 144.022

75, 22.693,
143.341

79, 2.880, 324.474

74, 35.516,
142.556

81, 15.346,
325.024

72, 48.080,
141.651

83, 27.483,
325.435

71, 60.086,
140.630

86, 38.140,
325.749

70, 71.162,
139.521

70, 80.856,
138.392

69, 88.661,
137.356

69, 94.098,
136.560

69, 97.046,

Harmonies

Complementary

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



77, 9.836, 144.022



75, 9.856, 324.837

Rectangle

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



77, 9.836, 144.022



77, 9.836, 194.022



77, 9.836, 324.022



77, 9.836, 14.022

Sweetspot

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



77, 9.838, 144.022



99, 3.129, 144.429



78, 7.995, 109.434



53, 1.793, 144.439



0, 0.000, 0.000



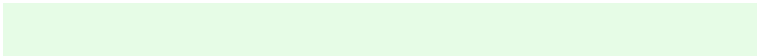
53, 0.007, 296.813

Same Dimension

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



77, 9.838, 144.022



97, 14.194, 143.931



77, 6.862, 163.072



40, 7.215, 143.916



57, 84.787, 136.016



10, 24.261, 144.096

Inverse Universe

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



75, 9.856, 324.837



94, 14.216, 324.918



74, 6.937, 344.230



38, 7.226, 324.931



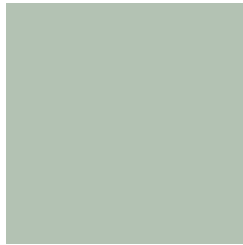
38, 81.805, 328.233



4, 24.213, 326.359

Previews

White Background



This preview shows how the CIELCh color 77, 9.836, 144.022 looks on a white background.

Color Contrast Check

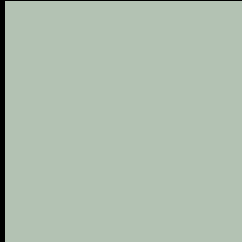
Large Text (above 18pt) WCAG AA × Fail

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 77, 9.836, 144.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

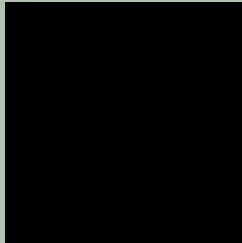
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

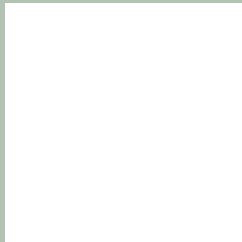
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 9.836, 144.022

Background



This preview shows how black text looks on a background with the CIELCh color 77, 9.836, 144.022.



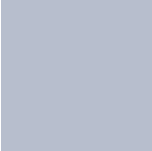
This preview shows how white text looks on a background with the CIELCh color 77, 9.836, 144.022.

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
77, 8.382, 273.745

Trichromacy



Original Color
77, 9.836, 144.022

Protanomaly
77, 7.497, 112.367

Deuteranomaly
77, 5.886, 59.092

Tritanomaly
77, 4.163, 230.384

Monochromacy



Original Color
77, 9.836, 144.022

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.273, 144.372

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 9.836, 144.022 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, 194, 179)` looks like.

```
.text, #text, p{  
    color:rgb(179, 194, 179)  
}
```

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, 194, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 194, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 9.836, 144.022 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, 194, 179) }
```

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

```
.border{ border-color:rgb(179, 194, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 194, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 194, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 194, 179);  
box-shadow:4px 4px 4px 4px rgb(179, 194,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 9.836, 144.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 194, 179) }
```

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

```
.background{ background-color: rgb(179,  
194, 179) }
```

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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