

Converting Colors

CIELCh(77, 14.077, 135.206)

Have a look what the booklet for
CIELCh(77, 14.077, 135.206)
contains.

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Color

CIELCh(77, 14.226, 134.154)

Conversions

Conversions Part 1

Format	Color
Hex	B3C3AB
RGB	179, 195, 171
RGB Percent	70%, 76%, 67%
CMY	0.2982, 0.2354, 0.3295
CMYK	0.08, 0.00, 0.12, 0.24
HSL	100°, 17%, 72%
HSV	100°, 12%, 76%
XYZ	45.4360, 51.5317, 46.0620
YIQ	187.4800, -1.8320, -10.8560

Conversions

Conversions Part 2

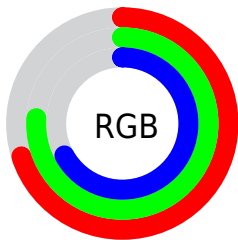
Format	Color
RYB	171, 195, 187
Decimal	11781035
CIELab	77.00, -9.91, 10.21
CIELCh	77, 14.226, 134.154
Yxy	51.5317, 0.3177, 0.3603
Android (android.graphics.Color)	4289971115 (0xFFB3C3AB)
YUV	187.4800, -8.1246, -7.4370
Hunter-Lab	71.7856, -12.6450, 12.2059

Details

The CIELCh color $77, 14.226, 134.154$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 14.384, 315.171$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 14.624, 133.826$, and $57, 13.916, 134.500$ is the 20% darker color. If you saturate the color by 10%, you get $76, 25.836, 133.673$, and if you desaturate by 10%, it is $78, 2.652, 134.641$.

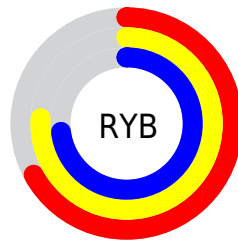
Distribution



Red (70%)

Green (76%)

Blue (67%)



Red (67%)

Yellow (76%)

Blue (73%)

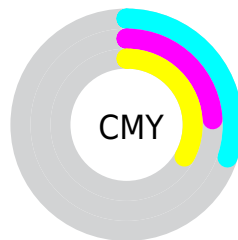


Cyan (8%)

Magenta (0%)

Yellow (12%)

Black (24%)



Cyan (30%)


Magenta (24%)

Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 14.226, 134.154 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, 14.226, 134.154 by changing the saturation by 10% instead.


 77, 14.226,
134.154


 77, 14.226,
134.154


 100, 14.226,
134.154


 67, 14.226,
134.154


 97, 14.226,
134.154

 57, 14.226,
134.154

 47, 14.226,
134.154

 37, 14.226,
134.154

 27, 14.226,
134.154

 17, 14.226,
134.154

 7, 14.226, 134.154

■ 0, 14.226, 134.154

■ 77, 14.226,
134.154

■ 77, 14.226,
134.154

■ 76, 25.836,
133.673

■ 78, 2.652, 134.641

■ 74, 37.365,
133.157

■ 80, 8.812, 314.946

■ 73, 48.657,
132.626

■ 82, 20.108,
315.297

■ 72, 59.495,
132.116

■ 83, 31.199,
315.598

■ 72, 69.572,
131.691

■ 85, 35.834,
320.354

■ 71, 78.480,
131.445

■ 86, 37.651,
325.732

■ 70, 85.729,
131.505

■ 70, 90.884,
131.984

■ 70, 93.599,
132.554

Harmonies

Complementary

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



77, 14.226, 134.154



72, 14.384, 315.171

Rectangle

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



77, 14.226, 134.154



77, 14.226, 184.154



77, 14.226, 314.154



77, 14.226, 4.154

Sweetspot

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



77, 14.228, 134.156



98, 5.676, 134.541



76, 9.102, 89.575



53, 4.070, 134.503



0, 0.000, 0.000



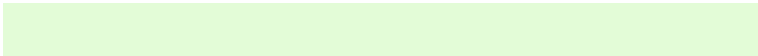
53, 0.007, 296.813

Same Dimension

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



77, 14.228, 134.156



96, 21.402, 134.018



77, 14.038, 148.616



40, 6.512, 134.292



58, 80.898, 132.357



10, 22.232, 137.288

Inverse Universe

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



72, 14.384, 315.171



89, 21.685, 315.299



73, 14.076, 330.113



38, 6.571, 315.042



29, 85.245, 316.441



3, 20.997, 311.757

Previews

White Background



This preview shows how the CIELCh color 77, 14.226, 134.154 looks on a white background.

Color Contrast Check

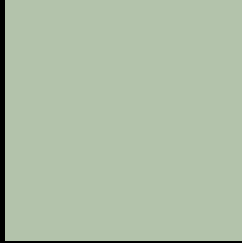
Large Text (above 18pt) WCAG AA × Fail

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, 14.226, 134.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

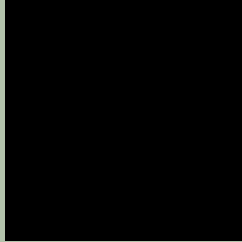
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 14.226, 134.154

Background



This preview shows how black text looks on a background with the CIELCh color 77, 14.226, 134.154.



This preview shows how white text looks on a background with the CIELCh color 77, 14.226, 134.154.

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](#).

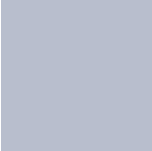
Dichromacy



Original Color
77, 14.226, 134.154

Protanopia
77, 11.753, 91.826

Deuteranopia
77, 13.244, 43.952



Tritanopia
77, 8.293, 276.078

Trichromacy



Original Color
77, 14.226, 134.154

Protanomaly
77, 11.753, 109.074

Deuteranomaly
77, 9.680, 75.444

Tritanomaly
77, 3.660, 207.717

Monochromacy



Original Color
77, 14.226, 134.154

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.340, 134.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 14.226, 134.154 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, 195, 171)` looks like.

```
.text, #text, p{  
    color:rgb(179, 195, 171)  
}
```

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, 195, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 195, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 14.226, 134.154 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, 195, 171) }
```

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

```
.border{ border-color:rgb(179, 195, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 195, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 195, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 195, 171);  
box-shadow:4px 4px 4px 4px rgb(179, 195,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 14.226, 134.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 195, 171) }
```

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

```
.background{ background-color: rgb(179,  
195, 171) }
```

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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