

Converting Colors

CIELCh(77, 24.578, 148.121)

Have a look what the booklet for
CIELCh(77, 24.578, 148.121)
contains.

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Color

CIELCh(77, 24.521, 147.947)

Conversions

Conversions Part 1

Format	Color
Hex	9EC8A5
RGB	158, 200, 165
RGB Percent	62%, 78%, 65%
CMY	0.3789, 0.2141, 0.3514
CMYK	0.21, 0.00, 0.17, 0.21
HSL	130°, 28%, 70%
HSV	130°, 21%, 79%
XYZ	41.7494, 51.5317, 43.5268
YIQ	183.4520, -13.7970, -19.7890

Conversions

Conversions Part 2

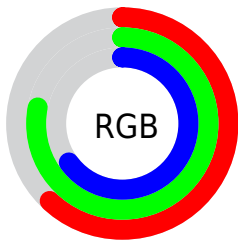
Format	Color
RYB	158, 194, 200
Decimal	10406053
CIELab	77.00, -20.78, 13.01
CIElCh	77, 24.521, 147.947
Yxy	51.5317, 0.3052, 0.3767
Android (android.graphics.Color)	4288596133 (0xFF9EC8A5)
YUV	183.4520, -9.0968, -22.3214
Hunter-Lab	71.7856, -21.8120, 14.2998

Details

The CIELCh color $77, 24.521, 147.947$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $70, 24.598, 330.660$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 23.400, 148.287$, and $57, 24.606, 147.729$ is the 20% darker color. If you saturate the color by 10%, you get $76, 36.191, 147.069$, and if you desaturate by 10%, it is $79, 12.778, 148.709$.

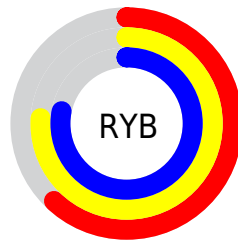
Distribution



Red (62%)

Green (78%)

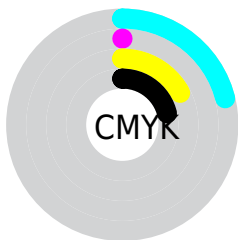
Blue (65%)



Red (62%)

Yellow (76%)

Blue (78%)

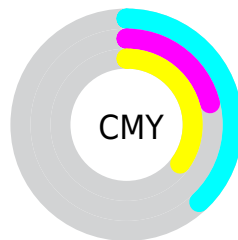


Cyan (21%)

Magenta (0%)

Yellow (17%)

Black (21%)



Cyan (38%)


Magenta (21%)

Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 24.521, 147.947 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, 24.521, 147.947 by changing the saturation by 10% instead.


 77, 24.521,
147.947

 77, 24.521,
147.947

 100, 24.521,
147.947

 67, 24.521,
147.947


 97, 24.521,
147.947

 57, 24.521,
147.947

 47, 24.521,
147.947

 37, 24.521,
147.947

 27, 24.521,
147.947

 17, 24.521,
147.947

 7, 24.521, 147.947

■ 0, 24.521, 147.947

■ 77, 24.521,
147.947

■ 77, 24.521,
147.947

■ 76, 36.191,
147.069

■ 79, 12.778,
148.709

■ 74, 47.587,
146.054

■ 81, 1.110, 149.601

■ 73, 58.476,
144.888

■ 83, 10.369,
329.858

■ 72, 68.594,
143.568

■ 85, 21.581,
330.355

■ 72, 77.657,
142.115

■ 87, 31.733,
328.893

■ 71, 85.386,
140.576

■ 87, 34.244,
325.615

■ 71, 91.528,
139.044

■ 71, 95.627,
137.825

Harmonies

Complementary

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



77, 24.521, 147.947



70, 24.598, 330.660

Rectangle

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



77, 24.521, 147.947



77, 24.521, 197.947



77, 24.521, 327.947



77, 24.521, 17.947

Sweetspot

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



77, 24.523, 147.947



99, 8.472, 149.055



79, 22.340, 114.500



52, 5.623, 149.008



0, 0.000, 0.000



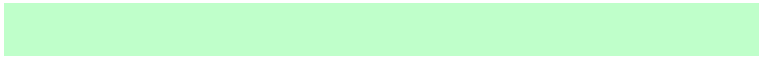
53, 0.007, 296.813

Same Dimension

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



77, 24.523, 147.947



95, 35.567, 147.577



77, 17.094, 170.623



41, 6.561, 148.822



58, 81.667, 138.050



11, 24.521, 146.612

Inverse Universe

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



70, 24.598, 330.660



85, 35.677, 330.940



69, 17.974, 354.673



39, 6.579, 329.925



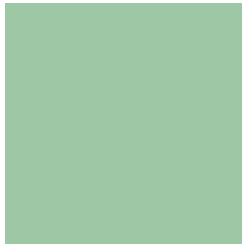
37, 72.759, 336.102



4, 23.124, 333.421

Previews

White Background



This preview shows how the CIELCh color 77, 24.521, 147.947 looks on a white background.

Color Contrast Check

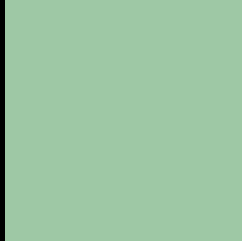
Large Text (above 18pt) WCAG AA × Fail

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, 24.521, 147.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

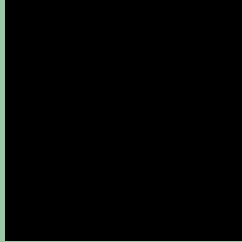
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 24.521, 147.947

Background



This preview shows how black text looks on a background with the CIELCh color 77, 24.521, 147.947.

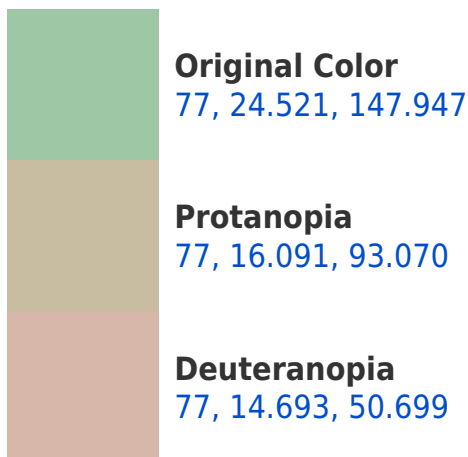


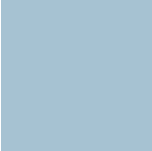
This preview shows how white text looks on a background with the CIELCh color 77, 24.521, 147.947.

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, 12.655, 241.860

Trichromacy



Original Color
77, 24.521, 147.947

Protanomaly
77, 16.836, 119.236

Deuteranomaly
76, 11.392, 99.341

Tritanomaly
77, 11.725, 193.264

Monochromacy



Original Color
77, 24.521, 147.947

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 9.002, 147.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 24.521, 147.947 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(158, 200, 165)` looks like.

```
.text, #text, p{  
    color:rgb(158, 200, 165)  
}
```

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(158, 200, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 200, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 24.521, 147.947 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(158, 200, 165) }
```

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

```
.border{ border-color:rgb(158, 200, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 200, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 200, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 200, 165); box-shadow:4px 4px 4px 4px rgb(158, 200, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 24.521, 147.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 200, 165) }
```

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

```
.background{ background-color: rgb(158,  
200, 165) }
```

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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