

Converting Colors

CIELCh(77, 26.240, 147.406)

Have a look what the booklet for
CIELCh(77, 26.240, 147.406)
contains.

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Color

CIELCh(77, 26.465, 147.475)

Conversions

Conversions Part 1

Format	Color
Hex	9CC9A3
RGB	156, 201, 163
RGB Percent	61%, 79%, 64%
CMY	0.3879, 0.2114, 0.3605
CMYK	0.22, 0.00, 0.19, 0.21
HSL	129°, 29%, 70%
HSV	129°, 22%, 79%
XYZ	41.2469, 51.5317, 42.4579
YIQ	183.2130, -14.6220, -21.3580

Conversions

Conversions Part 2

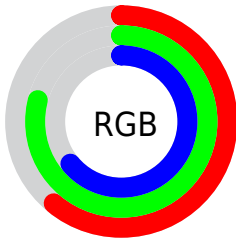
Format	Color
RYB	156, 195, 201
Decimal	10275235
CIELab	77.00, -22.31, 14.23
CIELCh	77, 26.465, 147.475
Yxy	51.5317, 0.3050, 0.3810
Android (android.graphics.Color)	4288465315 (0xFF9CC9A3)
YUV	183.2130, -9.9650, -23.8658
Hunter-Lab	71.7856, -23.0616, 15.1826

Details

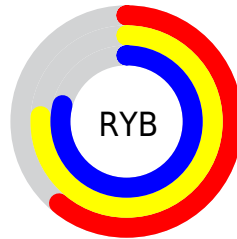
The CIELCh color $77, 26.465, 147.475$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $70, 26.541, 330.372$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 24.655, 147.980$, and $57, 26.646, 147.170$ is the 20% darker color. If you saturate the color by 10%, you get $76, 38.235, 146.583$, and if you desaturate by 10%, it is $79, 14.595, 148.247$.

Distribution



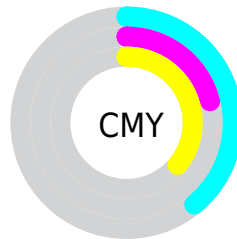
- Red (61%)
- Green (79%)
- Blue (64%)



- Red (61%)
- Yellow (76%)
- Blue (79%)



- Cyan (22%)
- Magenta (0%)
- Yellow (19%)
- Black (21%)





- Cyan (39%)
- Magenta (21%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 26.465, 147.475 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, 26.465, 147.475 by changing the saturation by 10% instead.


 77, 26.465,
147.475


 77, 26.465,
147.475


 100, 26.465,
147.475


 67, 26.465,
147.475


 97, 26.465,
147.475

 57, 26.465,
147.475

 47, 26.465,
147.475

 37, 26.465,
147.475

 27, 26.465,
147.475

 17, 26.465,
147.475

 7, 26.465, 147.475

■ 0, 26.465, 147.475

■ 77, 26.465,
147.475

■ 77, 26.465,
147.475

■ 76, 38.235,
146.583

■ 79, 14.595,
148.247

■ 74, 49.696,
145.552

■ 81, 2.783, 148.989

■ 73, 60.603,
144.370

■ 83, 8.851, 329.411

■ 85, 20.222,
329.917

■ 72, 70.680,
143.040

■ 87, 30.940,
329.470

■ 72, 79.632,
141.588

■ 87, 33.817,
325.601

■ 71, 87.167,
140.072

■ 71, 93.023,
138.595

■ 71, 96.314,
137.632

Harmonies

Complementary

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



77, 26.465, 147.475



70, 26.541, 330.372

Rectangle

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



77, 26.465, 147.475



77, 26.465, 197.475



77, 26.465, 327.475



77, 26.465, 17.475

Sweetspot

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



77, 26.467, 147.475



98, 9.971, 148.621



79, 23.900, 114.393



52, 6.482, 148.578



0, 0.000, 0.000



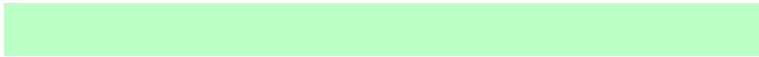
53, 0.007, 296.813

Same Dimension

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



77, 26.467, 147.475



94, 38.713, 147.046



78, 18.273, 170.473



41, 6.613, 148.461



58, 82.058, 137.850



11, 24.656, 146.397

Inverse Universe

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



70, 26.541, 330.372



83, 38.817, 330.688



69, 19.281, 354.840



39, 6.630, 329.556



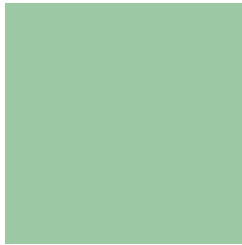
37, 73.370, 335.490



4, 23.352, 332.920

Previews

White Background



This preview shows how the CIELCh color 77, 26.465, 147.475 looks on a white background.

Color Contrast Check

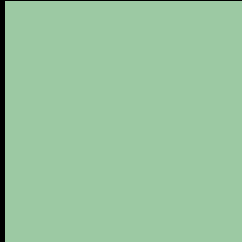
Large Text (above 18pt) WCAG AA × Fail

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, 26.465, 147.475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

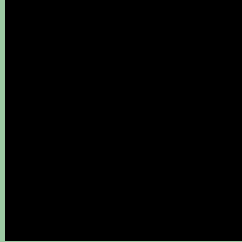
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 26.465, 147.475

Background



This preview shows how black text looks on a background with the CIELCh color 77, 26.465, 147.475.

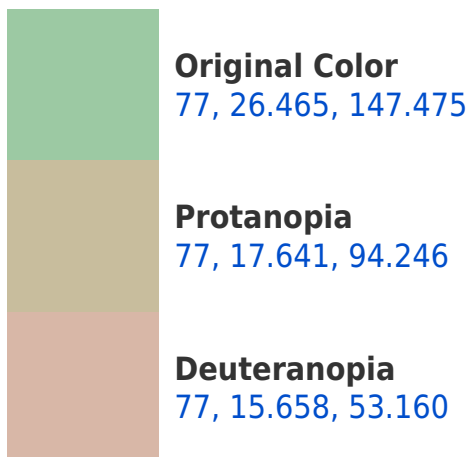


This preview shows how white text looks on a background with the CIELCh color 77, 26.465, 147.475.

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, 13.071, 237.019

Trichromacy



Original Color
77, 26.465, 147.475

Protanomaly
77, 18.476, 119.403

Deuteranomaly
77, 12.913, 102.064

Tritanomaly
77, 12.933, 188.846

Monochromacy



Original Color
77, 26.465, 147.475

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 9.900, 149.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 26.465, 147.475 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(156, 201, 163)` looks like.

```
.text, #text, p{  
    color:rgb(156, 201, 163)  
}
```

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(156, 201, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 201, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 26.465, 147.475 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(156, 201, 163) }
```

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

```
.border{ border-color:rgb(156, 201, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 201, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 201, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 201, 163);  
box-shadow:4px 4px 4px 4px rgb(156, 201,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 26.465, 147.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 201, 163) }
```

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

```
.background{ background-color: rgb(156,  
201, 163) }
```

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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